

## SEARCH REQUEST FORM

Scientific and Technical Information Center

27

Requester's Full Name: 09/408,716 Examiner #: 76101 Date: 1/22/02  
 Phone Number 305-0833 Serial Number: 09/408,716  
 Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Media Wall For Displaying Financial Information

Inventors (please provide full names): Thomas Apple et al, Paul Noble, John Fouten,  
Andrew Klein

Earliest Priority Filing Date: Jan 16, 1996

\* Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Copy of all claims are attached (1-35) with the background and summary.

Please search specifically for claims 27, 17.  
 The main issue combines a specific graphic or icon or Logo or symbol with specific textual data (financial) Related to each individual graphic or icon or Logo or symbol.

The missing ingredient comprises  
~~a text/data string that matches/replaces~~  
 Represents Replacing text with a graphic  
 Representing that text.

01-23-02 107:33 IN

## STAFF USE ONLY

Searcher: Linda Reynolds

Searcher Phone #: 306-4515

Searcher Location: 4033

Date Searcher Picked Up: 1-29-02

Date Completed: 1-30-02 330

Searcher Prep & Review Time: 330

Clerical Prep Time: \_\_\_\_\_

Online Time: 300

## Type of Search

NA Sequence (#) \_\_\_\_\_

AA Sequence (#) \_\_\_\_\_

Structure (#) \_\_\_\_\_

Bibliographic ☒

Litigation \_\_\_\_\_

Fulltext \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

## Vendors and cost where applicable

STN \_\_\_\_\_

Dialog ☒

Questel/Orbit ☒

Dr.Link \_\_\_\_\_

Lexis/Nexis \_\_\_\_\_

Sequence Systems \_\_\_\_\_

WWW/Internet ☒

Other (specify) \_\_\_\_\_

27  
**SEARCH REQUEST FORM**  
Scientific and Technical Information Center

Requester's Full Name: Anthony BLACKMAN Examiner #: 76101  
Art Unit: 2672 Phone Number 305-0833 Serial Number: 081  
Mail Box and Bldg/Room Location: 6406 PKBZ Results Format Preferred (circle): PAT

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Media Wall for Displaying Financial Information  
Inventors (please provide full names): Thomas Apple et al, Paul Noble, John Foster,  
Andrew Klein

Earliest Priority Filing Date: Jan 16, 1996

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A copy of all claims (1-35) are attached to the background & summary.

Please search specifically for claim 27, & claim 17.

the main issue combines graphics with text  
(as stated in the claims).

\* This is a HIGH PROFILE CASE.

THE APPEAL BRIEF IS DUE February, 10 2002.

Please use the class 705 template (Business methods)  
for searching

So Please use Dialog to search.

12-20-01 P03:01 IN

12-20-01

\*\*\*\*\*  
**STAFF USE ONLY**

	Type of Search	Vendors and cost where applicable
Searcher: _____	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

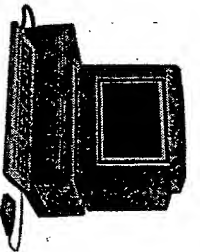


# EIC2600

## Search Results

### Feedback Form (Optional)

Scientific & Technical Information Center



The search results generated for your recent request are attached. If you have any questions or comments (compliments or complaints) about the scope or the results of the search, please contact *the EIC searcher* who conducted the search *or* contact:

Panel Leader, 306-0255, PK2-3C03

Voluntary Results *Feedback Form*

☐

Example: 2660

*Relevant prior art found, search results used as follows:*

☐ 102 rejection

☐ 103 rejection

☐ as being of interest.

☐ examiner better understand the invention.

☐ examiner better understand the state of the art in their technology.

Types of *prior art found*:

☐

t(s)

☐ proceedings, new product announcements etc.)

☐ art (helped determine patentability).

☐ ing patentability or understanding the invention.

? sh file

File 9:Business & Industry(R) Jul/1994-2002/Jan 24  
(c) 2002 Resp. DB Svcs.  
File 15:ABI/Inform(R) 1971-2002/Jan 24  
(c) 2002 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2002/Jan 25  
(c) 2002 The Gale Group  
File 18:Gale Group F&S Index(R) 1988-2002/Jan 25  
(c) 2002 The Gale Group  
File 20:Dialog Global Reporter 1997-2002/Jan 25  
(c) 2002 The Dialog Corp.  
File 148:Gale Group Trade & Industry DB 1976-2002/Jan 25  
(c)2002 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 267:Finance & Banking Newsletters 2002/Jan 23  
(c) 2002 The Dialog Corp.  
File 268:Banking Info Source 1981-2002/Jan W3  
(c) 2002 ProQuest Info&Learning  
File 473:FINANCIAL TIMES ABSTRACTS 1998-2001/APR 02  
(c) 2001 THE NEW YORK TIMES  
File 475:Wall Street Journal Abs 1973-2002/Jan 24  
(c) 2002 The New York Times  
File 481:DELPHEs Eur Bus 95-2002/Jan W1  
(c) 2002 ACFCI & Chambre CommInd Paris  
File 485:Accounting & Tax DB 1971-2002/Jan W3  
(c) 2002 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Jan 23  
(c) 2002 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Jan 25  
(c) 2002 The Gale Group  
File 623:Business Week 1985-2002/Jan 24  
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File 624:McGraw-Hill Publications 1985-2002/Jan 24  
(c) 2002 McGraw-Hill Co. Inc  
File 625:American Banker Publications 1981-2002/Jan 24  
(c) 2002 American Banker  
File 626:Bond Buyer Full Text 1981-2002/Jan 24  
(c) 2002 Bond Buyer  
File 635:Business Dateline(R) 1985-2002/Jan 24  
(c) 2002 ProQuest Info&Learning  
File 636:Gale Group Newsletter DB(TM) 1987-2002/Jan 25  
(c) 2002 The Gale Group

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Set	Items	Description
S1	15	NASDAQ?()COM AND (TICKER? ? (S) LOGO? ?) NOT PY>1998
S2	6	RD (unique items)

2/PD/5 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

04950208 Supplier Number: 47275088 (USE FORMAT 7 FOR FULLTEXT)  
MarketSite unveiled at NASDAQ headquarters.  
Business Wire, p04071292  
April 7, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 607  
TEXT:

NEW YORK--(BUSINESS WIRE)--April 7, 1997--

Imtech Corporation Installs The World's Most Sophisticated Digital Financial Information Display

With the installation of MarketSite, The Nasdaq Stock Market has opened a digital window through which the public investor - for the first time - can view the inner workings of the world's largest computer trading system. The installation of the giant digital display system was completed by Imtech Corporation, a leading developer of large-scale display hardware and software. MarketSite, now operating at Nasdaq headquarters in New York's financial district, gives The Nasdaq Stock Market a level of visibility that, until now, was impossible for a market whose trading floor was in cyberspace.

The 100-cube, 55 feet long by 11-feet high ViewScape\* Information Display Control System developed by Imtech Corporation, is the largest of its kind to be used for reporting stock market conditions. Nasdaq, whose securities are bought and sold electronically over a sophisticated computer network, now has a patent pending for the sophisticated data visualization software developed for MarketSite by the engineering talent at Imtech.

Paul Noble, Founder and CEO of Imtech notes, "MarketSite has allowed us to explore advanced new graphic user interfaces and develop the technology to effectively display high resolution graphics in a broadcast setting. For example, Imtech's patented moving message display technology drives the Nasdaq **logo ticker**, which scrolls across MarketSite displaying real-time trading information, and featuring full-color company **logos** in place of the traditional, difficult to decipher trading symbols."

In keeping with Nasdaq's practice of utilizing advanced technology, MarketSite will be used by the press to report on market conditions, providing individual investors with more readily understandable market data. MarketSite includes an on-site production facility for the instant transmission of information to news bureaus and additional sites worldwide. The installation will receive price quotes and trade reports on Nasdaq's 5,543 listed stocks, and video feeds from CNNfn, CNBC and other financial news sources.

Imtech offered Nasdaq an experienced team of software engineers who understood the end-user application of display technologies and who were well-versed in graphical user interfaces. A user-friendly interface was essential for MarketSite to allow maximum accessibility.

Imtech's ViewScape display control system can respond, within milliseconds, to changing market conditions. The entire presentation is designed to achieve "intuitive response communication" -- that which is automatic upon hearing or seeing. The speed of graphic objects represent the momentum of the market sector, highlighting the companies or industries driving the market at a given moment. Even a novice user can understand the market's condition by simply glancing at the display. Finally, the video conferencing capability of MarketSite enables market participants to speak

directly with TV news anchors in real-time as the news is being reported. Together, these features make MarketSite the only way to see and feel the conditions of The Nasdaq Stock Market at a glance.

MarketSite is driven by 51 Dual Pentium graphics work-stations on a Microsoft NT network, using more than 2 Gigabytes of RAM and 100 Gigabytes of storage. More than 250,000 lines of code were written by Imtech to both control the systems and generate the graphic content. A total of 25 UltraMAX high-resolution video/data image processors power 100 Sony RVP-401 rear projection cubes, running at 48kHz (1024 x 768 base resolution). The system can display up to 100 simultaneous system outputs.

For more information on Imtech and its products, visit the company's World Wide Web site at <http://www.imtech.com> or call 1-888-8IMTECH. View MarketSite at <http://www.nasdaq.com/mktsite.html>

CONTACT: Imtech Corporation  
Thomas Apple  
(201) 366-5550  
[rarechance@imtech.com](mailto:rarechance@imtech.com)  
or  
Technology Solutions  
Karen Blondell or Jon Reiner  
(212) 696-2000  
[kblondell@tsipr.com](mailto:kblondell@tsipr.com)

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PUBLISHER NAME: Business Wire

COMPANY NAMES: \*Imtech Corp.

EVENT NAMES: \*330 (Product information)

GEOGRAPHIC NAMES: \*1USA (United States)

PRODUCT NAMES: \*3573065 (Stock Information Systems)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 334111 (Electronic Computer Manufacturing)

SPECIAL FEATURES: COMPANY

File 278:Microcomputer Software Guide 1998/Nov

(c) 1998 Reed Elsevier Inc.

*Software*

File 256:SoftBase:Reviews,Companies&Prods. 85-1998/Oct

(c)1998 Info.Sources Inc

Set	Items	Description
S1	26	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRAD: FORMATION?
S2	3560	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EM ?
S3	1295	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPL
S4	6	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N)WALL? ?
S5	1799	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	1811	S1 OR S5
S7	63	S6 AND S2
S8	23	S7 NOT SYMBOL?
S9	6	S8 NOT LABEL? ?
S10	19	S6(50N) (GRAPHIC?) (2N) (SYMBOL? OR DISPLAY?)
S11	10	RD S10 (unique items)

11/3,K/2 (Item 1 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)1998 Info.Sources Inc. All rts. reserv.

00108523 DOCUMENT TYPE: Review

PRODUCT NAMES: Unwired Planet (711233)

TITLE: Squeezing Web Data  
AUTHOR: Whelan, Carolyn  
SOURCE: Electronic News, v44 n2208 p46(2) Mar 2, 1998  
ISSN: 1061-6624  
HOMEPAGE: <http://www.interport.net/enews>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 980930

...service, corporate customers use Unwired's software to construct or change Web pages with limited **graphics** and text. The software pares down information requested by a user, to eliminate unneeded **graphics** and content, and sends it on a regular basis to the user's phone. A data-enabled phone can support bit-mapped **graphics** or **display** text only, and this content is converted to between four and 10 lines of text between 12 and 20 characters wide on the screen. Types of **information** available include **stock** quotes, traffic and weather reports, directories, and movie and flight information. Among other functions, the...

...allows users to, for example, prioritize voice mail, because all messages are listed on the **display**. The technology operates like a networked computer to split a browser and put a small...

11/3,K/3 (Item 2 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)1998 Info.Sources Inc. All rts. reserv.

00104950 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Money Financial Suite Windows 95 & NT Beta (673927); Quicken Suite 98 Windows 95 & NT Beta (673935)

TITLE: Don't Bank on This Financial Pair (Yet)  
AUTHOR: Patz, Joel T.  
SOURCE: Windows Magazine, v8 n12 p112(2) Dec 1997  
ISSN: 1060-1066  
HOMEPAGE: <http://www.winmag.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: C

REVISION DATE: 980830

...chart. However, the Web link drastically impacts program performance. Money also had trouble connecting to **stock symbols**, while Quicken did so easily, and returned likely matches to information entered in a query...  
...and mutual fund price quotes, but Quicken only provides a week's worth. Money's **graphical** user interface (GUI) suffers from a simplistic main menu, hides some often-performed tasks, and...

11/3,K/4 (Item 3 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00054053

DOCUMENT TYPE: Review

PRODUCT NAMES: Graphics for Science & Engineering (830368)

TITLE: Modern Science

AUTHOR: Hayes, William P.

SOURCE: Workstation News, v4 n7 p16(3) Jul 1993

ISSN: 1049-491X

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 940330

...product that is no longer limited to use by engineers and scientists. Its ability to **display** data is in great demand for such applications as **financial data** analysis and trend-spotting. VDA is a discovery tool for many professionals. For example, NASA first began using it to make data analysis straightforward for engineering professionals. Users must first **display** data, in order to begin a search for patterns. Data are then reorganized into smaller...

...succession. Effective VDA environments require data manipulation and management, development tools, GUIs, numerics, visualization, presentation **graphics**, platforms, and networks.

11/3,K/5 (Item 4 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00041414

DOCUMENT TYPE: Review

PRODUCT NAMES: Metaphor Mixer (406759); Capri (902316); WorldToolKit (406741)

TITLE: Big Money in Cyberspace

AUTHOR: Staff

SOURCE: CyberEdge Journal, v11 p13(1) Sep/Oct 1992

ISSN: 1061-3099

HOME PAGE: <http://www.cyberedge.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 940330

...virtual reality software that permits financial managers to physically interact with a world comprised of **financial markets**, stocks, and equities. The PC-based system, appropriately dubbed Metaphor Mixer, was developed using Sense8's WorldToolKit and visually **displays** as many as 10,000 stocks at once, with an update rate of twenty frames per second. Maxus intends to market the system as an idea generator, which provides **graphical representations** of the complex interrelationships of **financial markets**. Metaphor Mixer is currently being used to manage a \$106 billion college teachers' pension fund...

11/3,K/6 (Item 5 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00039951

DOCUMENT TYPE: Review

PRODUCT NAMES: Company - NeXT Software Inc (850632)

**TITLE:** Next To Join OMG At Object World  
**AUTHOR:** Richman, Dan  
**SOURCE:** Open Systems Today, v102 p4(1) Jul 20, 1992  
**ISSN:** 1061-0839

**RECORD TYPE:** Review  
**REVIEW TYPE:** Company

**REVISION DATE:** 960531

...users and contains communications objects and device drivers; database systems and objects; education and training; financial analysis; information display; multimedia; networking; telecommunications and ISDN; publishing, graphics and three-dimensional objects; and user-interface objects.

11/3,K/7 (Item 6 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00037980 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Carbon Copy for Windows (359211); Lotus Notes (702137); 1-2-3 (004738); Harvard Graphics for Windows (349933); NetWare (699683)

**TITLE:** Lotus Notes Can Ease the Process of Corporate Globalization  
**AUTHOR:** LaPlante, Alice  
**SOURCE:** InfoWorld, v14 n27 p60(1) Jul 6, 1992  
**ISSN:** 0199-6649  
**HOME PAGE:** <http://www.infoworld.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 980830

...Windows, for training and support; a homegrown EIS, which uses 1-2-3 and Harvard Graphics for Windows; a NetWare LAN. Managers can download mainframe financial data to an IBM PS/2 Model 70 and display it graphically as needed. Forbes is encouraged by his colleagues' positive reception to groupware concepts; he plans...

11/3,K/8 (Item 7 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00033179 DOCUMENT TYPE: Review

**PRODUCT NAMES:** XRT/graph 1.2 (338761)

**TITLE:** KL Group's XRT/graph widget  
**AUTHOR:** Staff  
**SOURCE:** X Journal, v1 n4 p81(2) Mar/Apr 1992  
**ISSN:** 1056-7003

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 950401

XRT/Graph 1.2, a graphing widget for X applications, plots graphics files. Developers can use the combined graphics library and graph builder to produce dynamic graphs and charts for scientific, financial, and related



...

...is X11R4 compatible, based on and integrated with the Motif toolkit. It extends Motif by displaying data in such formats as basic X-Y plots, bar, stacking bar, and pie charts. The graphs are fast enough for many real-time applications, allowing display of dynamic input such as scientific data and stock prices, along with static data from database queries. The article describes how XRT/Graph provides...

11/3,K/9 (Item 8 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)1998 Info.Sources Inc. All rts. reserv.

00028605 DOCUMENT TYPE: Review

PRODUCT NAMES: Open Look-Sun X-view (237434); UNIX (699675)

TITLE: Boston Exchange Looks to Unix  
AUTHOR: Krill, Paul  
SOURCE: UNIX Today!, v77 p44(1) Aug 5, 1991  
ISSN: 1040-5038

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 980730

The Boston Stock Exchange is purchasing UNIX workstations to increase its trading capacity as well as keep its hardware...

...solution just didn't have UNIX's communications features. X-Windows and the Open Look graphical user interface display market data, trading information, limit order books, and trading activity. The network lets Exchange members...

11/3,K/10 (Item 9 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00021503 DOCUMENT TYPE: Review

PRODUCT NAMES: Wealthbuilder 1.1 (228524)

TITLE: Can Software Help You Get Rich?  
AUTHOR: Kleinholz, Lisa  
SOURCE: Home Office Computing, v8 n8 p30(2) Aug 1990  
ISSN: 0899-7373  
HOMEPAGE: <http://www.smalloffice.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: B

REVISION DATE: 970228

...g. stocks, treasury bills, certificates of deposit). WealthBuilder features a comprehensive database, which includes extensive financial data, and a portfolio manager that tracks specific investments. Some problems with file handling and graphics display were encountered, but overall, WealthBuilder is a good package with solid financial management capabilities.  
?

European  
Patent  
File

Set	Items	Description
S1	9	((TICKER OR TRADING OR STOCK) (2N) (SYMBOL? ?)) OR TRADE FORMATION?
S2	38831	LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMB?
	?	
S3	7243	(MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ! ITUDE) (5N) (MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY
S4	290	(VIDEO? ? OR MONITOR? ? OR MEDIA? ?) (2N) WALL? ?
S5	549	(FINANCIAL OR STOCK) (2N) (DATA OR EXCHANGE? ? OR MARKET. . OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6	551	S1 OR S5
S7	5	S6(S) (S3 OR S4)
S8	29	S6(S) S2
S9	0	S8 NOT (LABEL? OR SYMBOL?)
S10	0	S6(15N) (GRAPHIC? (2N) SYMBOL? ?)

7/5/1

DIALOG(R)File 348:European Patents  
(c) 1998 European Patent Office. All rts. reserv.

00765777

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Method and apparatus for video data management

Verfahren und Gerat zur Videodatenverwaltung

Methode et appareil pour la gestion de donnees video

PATENT ASSIGNEE:

SIEMENS CORPORATE RESEARCH, INC., (1621440), 755 College Road East,  
Princeton, New Jersey 08540, (US), (applicant designated states:  
DE;FR;GB)

INVENTOR:

Benson, Daniel C., 28 Devon Avenue, Lawrenceville, New Jersey 08648, (US)

Pizano, Arturo A., 34 Ketcham Road, Belle Mead, New Jersey 08502, (US)

Arman, Farshid, 5 Kiernan Way, Hamilton, New Jersey 08690, (US)

Depommier, Remi, 4-08, Fox-Run Drive, Plainsboro, NJ 08536, (US)

LEGAL REPRESENTATIVE:

Litchfield, Laura Marie et al (85541), Haseltine Lake & Co. Imperial

House 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 719046 A2 960626 (Basic)

EP 719046 A3 971126

APPLICATION (CC, No, Date): EP 95116066 951011;

PRIORITY (CC, No, Date): US 346453 941129

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-007/173; G06F-017/30;

ABSTRACT EP 719046 A2

A computer-implemented method for use by a viewer for the management of video data in a stored video stream, the video stream including a plurality of video shots wherein each shot comprises a sequence of frames, the comprises defining and storing in memory on a frame-sequence axis a time-based model of the video stream; defining and storing in memory on the frame-sequence axis at least one of a space-based model of the video stream, an object-based model of the video stream, and an event-based model of the video stream. The method further comprises selectively scanning through such of the models as have been defined; identifying time, space, object, and/or event segments of interest in such of the models as have been defined; and selecting for viewing portions of the video stream associated with the segments of interest.  
(see image in original document)

ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 960626 A2 Published application (Alwith Search Report  
;A2without Search Report)

Search Report: 971126 A3 Separate publication of the European or  
International search report

Change: 971126 A2 Obligatory supplementary classification  
(change)

Change: 980527 A2 Representative (change)

Examination: 980715 A2 Date of filing of request for examination:  
980519

Change: 980722 A2 Representative (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	2388
SPEC A	(English)	EPAB96	5983
Total word count - document A			8371
Total word count - document B			0
Total word count - documents A + B			8371

7/5/2

DIALOG(R)File 348:European Patents  
(c) 1998 European Patent Office. All rts. reserv.

00594588

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Light tree display for a horizontal carousel

Leuchtanzeige für waagerechte Förderanlage

Dispositif d'affichage lumineux pour installation d'acheminement horizontale

PATENT ASSIGNEE:

Constructor Lagertechnik GmbH, (2114870), Alte Papiermühle 25, 51688

Wipperfurth, (DE), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

INVENTOR:

Murphree, Michael L., 980 Belaire Court, Naperville, Illinois 60563, (US)

LEGAL REPRESENTATIVE:

Herrmann-Trentepohl, Werner, Dipl.-Ing. et al (5373), Patentanwälte

Herrmann-Trentepohl Grosse - Bockhorni & Partner Forstenrieder Allee 59  
, 81476 München, (DE)

PATENT (CC, No, Kind, Date): EP 597464 A1 940518 (Basic)

EP 597464 B1 970423

APPLICATION (CC, No, Date): EP 93118224 931110;

PRIORITY (CC, No, Date): US 974252 921110

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT;  
SE

INTERNATIONAL PATENT CLASS: B65G-001/137; G09F-009/00;

ABSTRACT EP 597464 A1

A programmable, visible display system or "light tree" for indicating loading and picking information to an operator of a storage conveyor of the horizontal carousel type is disclosed. The system includes a vertically extending array of regularly spaced lightable elements that is located adjacent the position occupied by a selected shelf of trays or bins for containing items to be stored or distributed. The display is programmed to match the vertical spacing of the shelves in each carrier of the storage conveyor so as to display information regarding the number of items to be removed from or placed in the bins when adjacent to the array, such information being horizontally aligned with the associated bin. (see image in original document)

ABSTRACT WORD COUNT: 122

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 940518 A1 Published application (A1with Search Report  
;A2without Search Report)

\*Assignee: 940601 A1 Applicant (transfer of rights) (change):  
Electrolux Constructor GmbH (588331) Postfach  
12 80 D-51676 Wipperfurth (DE) (applicant  
designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

Examination: 950118 A1 Date of filing of request for examination:  
941117

Examination: 960124 A1 Date of despatch of first examination report:  
951208

Change: 960703 A1 Representative (change)

\*Assignee: 960703 A1 Applicant (transfer of rights) (change):  
Constructor Lagertechnik GmbH (2114870) Alte  
Papiermühle 25 51688 Wipperfurth (DE)  
(applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

\*Assignee: 960703 A1 Previous applicant in case of transfer of  
rights (change): Electrolux Constructor GmbH  
(588331) Postfach 12 80 D-51676 Wipperfurth  
(DE) (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)

Grant: 970423 B1 Granted patent

Oppn None: 980415 B1 No opposition filed

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	802

CLAIMS B	(English)	EPAB97	663
CLAIMS B	(German)	EPAB97	629
CLAIMS B	(French)	EPAB97	762
SPEC A	(English)	EPABF2	2978
SPEC B	(English)	EPAB97	3008
Total word count - document A			3781
Total word count - document B			5062
Total word count - documents A + B			8843

7/5/3

DIALOG(R) File 348:European Patents  
(c) 1998 European Patent Office. All rts. reserv.

00538379

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348  
Virtual channels for a multiplexed analog component (MAC) television system.

Virtuelle Kanäle für ein Multiplexanalogkomponentenfernsehsystem (MAC).  
Canaux virtuels pour un système de télévision à composante analogique multiplexée.

PATENT ASSIGNEE:

SCIENTIFIC-ATLANTA, INC., (353651), One Technology Parkway, Box 105600,  
Atlanta, GA 30348, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Yoneda, Robert, 9 Stanton Avenue, Toronto, Ontario, Canada M4L 1W3, (CA)  
Gammie, Keith, 51 Hawkridge Avenue, Markham, Ontario, Canada L3P 1W1,  
(CA)

Sheldrick, Wayne c/o Scientific-Atlanta, Inc., 120 Middlefield Road, Unit  
One, Mail Code - TOR 2, Scarborough, Ontario M1S 4MC, (CA)

LEGAL REPRESENTATIVE:

Hogg, Jeffery Keith et al (31905), Withers & Rogers 4 Dyer's Buildings  
Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 508654 A2 921014 (Basic)  
EP 508654 A3 940525

APPLICATION (CC, No, Date): EP 92302676 920327;

PRIORITY (CC, No, Date): US 677555 910329

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;  
PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173; H04N-007/087; H04N-007/00;  
H04N-005/60; H04N-011/08; H04N-007/167; H04N-011/00;

CITED PATENTS (EP A): WO 8801463 A; US 4866770 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 14, no. 38 (E-878) 24 January 1990 &  
JP-A-01 270 479 (SONY CORP) 27 October 1989;

ABSTRACT EP 508654 A2

A decoder for use in a television system. The decoder includes a receiver for receiving a television signal having at least one channel. Each channel of the television signal includes video and audio components. A channel maps the channel received by the receiver to a plurality of virtual channels. A first virtual channel utilizes a first combination of video and audio components of the received channel and a second virtual channel utilizes a second combination of video and audio components of the same received channel different than the first combination. A selector allows a subscriber to select one of the virtual channels. Linked text pages may also be mapped to one or more of the virtual channels.

ABSTRACT WORD COUNT: 119

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 921014 A2 Published application (Alwith Search Report  
;A2without Search Report)

Change: 921223 A2 Inventor (change)

Change: 940518 A2 Obligatory supplementary classification  
(change)

Search Report: 940525 A3 Separate publication of the European or

International search report

Examination: 950118 A2 Date of filing of request for examination: 941124

Change: 950405 A2 Representative (change)

\*Assignee: 951213 A2 Applicant (transfer of rights) (change):  
 SCIENTIFIC-ATLANTA, INC. (353654) One  
 Technology Parkway South Norcross, GA  
 30092-2967 (US) (applicant designated states:  
 AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE  
 )

\*Assignee: 951213 A2 Previous applicant in case of transfer of  
 rights (change): SCIENTIFIC-ATLANTA, INC.  
 (353651) One Technology Parkway, Box 105600  
 Atlanta, GA 30348 (US) (applicant designated  
 states:  
 AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE  
 )

Examination: 970528 A2 Date of despatch of first examination report: 970414

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	802
SPEC A	(English)	EPABF1	7820
Total word count - document A			8622
Total word count - document B			0
Total word count - documents A + B			8622

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DIALOG(R)File 348:European Patents  
 (c) 1998 European Patent Office. All rts. reserv.

00412257

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

TV DATA CAPTURE DEVICE

FERNSEHDATENERFASSUNGSGERAT

UNITE DE SAISIE DE DONNEES DE TELEVISION

PATENT ASSIGNEE:

YEE, Keen Yoke, (1369640), 57 Ogden Ave., White Plains, NY 10605, (US),  
 (applicant designated states: AT;DE;FR;GB;NL)

INVENTOR:

YEE, Keen Yoke, 57 Ogden Ave., White Plains, NY 10605, (US)

LEGAL REPRESENTATIVE:

Atchley, Martin John Waldegrave (27833), 60A Christchurch Road,  
 Winchester, Hampshire SO23 9SY, (GB)

PATENT (CC, No, Kind, Date): EP 464025 A1 920108 (Basic)

EP 464025 A1 921028

EP 464025 B1 960306

WO 9106912 910516

APPLICATION (CC, No, Date): EP 89912778 891030; WO 89US4852 891030

PRIORITY (CC, No, Date): EP 89912778 891030; WO 89US4852 891030

DESIGNATED STATES: AT; DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: H04N-005/445;

CITED PATENTS (EP A): WO 9105436 A; GB 2217144 A; WO 8601359 A; US 4803551  
 A; US 4803551 A; GB 2107159 A; GB 2107159 A

CITED PATENTS (WO A): US 4367548 A; US 4367557 A; US 4395780 A; US 4695880  
 A; US 4734764 A

CITED REFERENCES (EP A):

See also references of WO9106912;

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920108 A1 Published application (A1with Search Report  
 ;A2without Search Report)

Examination: 920108 A1 Date of filing of request for examination:  
 910626

Search Report: 921028 A1 Drawing up of a supplementary European search  
 report: 920910

Examination: 940727 A1 Date of despatch of first examination report:

940615

Grant: 960306 B1 Granted patent  
Change: 960508 B1 Representative (change)  
Change: 961204 B1 Representative (change)  
Lapse: 970115 B1 Date of lapse of the European patent in a  
Contracting State: AT 960306  
Oppn: 970122 B1 Opposition 01/961205 Philips Electronics N.V.;  
Groenewoudseweg 1; NL-5621 BA Eindhoven; (NL)  
(Representative:) Schmitz, Herman Jan Renier;  
INTERNATIONAAL OCTROOIBUREAU B.V., Prof.  
Holstlaan 6; 5656 AA Eindhoven; (NL)

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	483
CLAIMS B	(German)	EPAB96	485
CLAIMS B	(French)	EPAB96	531
SPEC B	(English)	EPAB96	3865
Total word count - document A			0
Total word count - document B			5364
Total word count - documents A + B			5364

7/5/5

DIALOG(R) File 348: European Patents  
(c) 1998 European Patent Office. All rts. reserv.

00294921

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348  
Multicast data distribution system.

Mehrfachaussendungsdatenubermittlungssystem.

Systeme de repartition de donnees a recepteurs multiples.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Naron, Steven E., 9909 Sorrel Avenue, Potomac Maryland 20854, (US)  
Branan, John M., 404 Suffield Drive, Gaithersburg Maryland 20878, (US)  
Martin, Gerland Arnold, 12528 War Admiral Way, Darnestown Maryland 20878,  
(US)

LEGAL REPRESENTATIVE:

Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland  
Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548  
Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 303830 A2 890222 (Basic)  
EP 303830 A3 910206  
EP 303830 B1 940202

APPLICATION (CC, No, Date): EP 88111425 880715;

PRIORITY (CC, No, Date): US 87850 870821

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04L-012/18;

CITED PATENTS (EP A): WO 8603642 A; US 4569042 A

CITED REFERENCES (EP A):

A.S. TANENBAUM: "Computer Networks", 1981, pages 136-164, Prentice Hall,  
Englewood Cliffs, NY, US; Chapter 4: "The data link layer";

ABSTRACT EP 303830 A2

A data distribution system for the timely, efficient and reliable  
distribution of data to an unlimited number of remote receiver  
installations. A data source (100) assembles data packets, and upon  
filling or after the lapse of a predetermined interval of time,  
broadcasts a respective data packet to all receivers (120) and recovery  
means along a communication network. Each receiver is intelligent, in  
that it copies the data packets into a buffer and has the responsibility  
of selecting out data needed to perform the receiver's intended  
functions. As a result, intermediate data selecting and routing means  
between the data source and receivers are avoided, resulting in data  
delivery which is both rapid and timely. For reliability, each receiver

monitors the sequence numbers of the data packets which have been received and, also, whether a data packet is received at least as frequently as the predetermined interval of time. Any data packet which a receiver determines as missing, can be obtained from the recovery means which stores a library of the received data packets or which can retrieve the missing data packet from the data source.

ABSTRACT WORD COUNT: 188

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890222 A2 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 890816 A2 Date of filing of request for examination:  
890619  
Search Report: 910206 A3 Separate publication of the European or  
International search report  
Examination: 921202 A2 Date of despatch of first examination report:  
921015  
Grant: 940202 B1 Granted patent  
Change: 940914 B1 Representative (change)  
Oppn None: 950125 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1346
CLAIMS B	(German)	EPBBF1	1154
CLAIMS B	(French)	EPBBF1	1615
SPEC B	(English)	EPBBF1	11554
Total word count - document A			0
Total word count - document B			15669
Total word count - documents A + B			15669



File 2:INSPEC 1969-2002/Jan W4  
     (c) 2002 Institution of Electrical Engineers  
 File 6:NTIS 1964-2002/Feb W2  
     (c) 2002 NTIS, Intl Cpyrght All Rights Res  
 File 8:Ei Compendex(R) 1970-2002/Jan W4  
     (c) 2002 Engineering Info. Inc.  
 File 34:SciSearch(R) Cited Ref Sci 1990-2002/Jan W4  
     (c) 2002 Inst for Sci Info  
 File 35:Dissertation Abs Online 1861-2002/Jan  
     (c) 2002 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2002/Jan W4  
     (c) 2002 BLDSC all rts. reserv.  
 File 77:Conference Papers Index 1973-2002/Jan  
     (c) 2002 Cambridge Sci Abs  
 File 94:JICST-EPlus 1985-2002/Dec W3  
     (c)2002 Japan Science and Tech Corp(JST)  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Dec  
     (c) 2002 The HW Wilson Co.  
 File 144:Pascal 1973-2002/Jan W4  
     (c) 2002 INIST/CNRS  
 File 238:Abs. in New Tech & Eng. 1981-2002/Jan  
     (c) 2002 Reed-Elsevier (UK) Ltd.  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
     (c) 1998 Inst for Sci Info  
 File 108:AEROSPACE DATABASE 1962-2001/DEC  
     (c) 2002 AIAA  
 File 583:Gale Group Globalbase(TM) 1986-2002/Jan 28  
     (c) 2002 The Gale Group

Set	Items	Description
S1	393816	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	419289	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	1703127	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	3234735	DESIGNATION?? OR BRAND?? OR PRODUCT?? OR LABEL?? OR NAME?
S5	2000113	CORPORATE OR CORPORATION OR BUSINESS OR COMPANY OR COMPANI- ES
S6	285903	SIGNS OR SIGNAGE OR SIGN
S7	19733	MARQUEE??
S8	858243	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S9	5780895	CHARACTER? OR CHARACTER()STRING?? OR COMPUTER()CODE?? OR C- ODE??
S10	1369198	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRT? OR OVER()WRI- T?
S11	2043549	DISPLAY?? OR SCREEN? OR MONITOR?
S12	8443332	SCOREBOARD? OR MESSAGE()CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S13	21	(SCORE OR READER)()BOARD??
S14	380303	LED OR LIGHT()EMIT?()DIODE?
S15	41425	LCD OR LCDS OR LIQUID()CRYSTAL()DISPLAY??
S16	37758	S1:S4 AND S8:S9 AND S10
S17	11993	S16 AND S11:S15
S18	0	S17 AND S6 AND S7
S19	3850700	ELECTRONIC? OR ELECTRIC
S20	3749067	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S21	2	ACTIONGRAPH? OR MOTIONGRAPH? OR MOBILELED OR MOBILE()LED
S22	183	TICKER?? OR STOCKTICKER? OR STOCK()TICKER? OR AUTOSCROLL? - OR NEWSCRAWL OR TEXTSCROLL?
S23	145	S17 AND S19 AND (S20 OR S22)
S24	64	S23 NOT PY=>1996
S25	62	RD S24 (unique items)
S26	11069	S10(3N) (S9 OR S8)
S27	263	S26(5N) (S1 OR S2 OR S3)
S28	8	S27 AND (S6 OR S7)
S29	1	S28 NOT PY=>1996
S30	3	S27 AND (S14 OR S15 OR S22)

S31	3	S30 NOT (S24 OR S29)
S32	3	RD S31 (unique items)
S33	0	S10 AND S22 AND S1:S3
S34	4251	(S6 OR S7) AND (S8 OR S9) AND S20
S35	1044	S34 AND S1:S3
S36	40	S35(S)S10
S37	39	S36 NOT (S21 OR S25 OR S29 OR S30)
S38	15	S37 NOT PY=>1996
S39	15	RD S38 (unique items)

21/3,K/1 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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04961570 JICST ACCESSION NUMBER: 01A1030686 FILE SEGMENT: PreJICST-E

Motiongraph : **a Technique of Action Generation for an Autonomous Character.**

SAITO SUGURU (1); IMOTO TAKAYUKI (2); NAKAJIMA MASAYUKI (2)

(1) Res. Lab. of Precis. Mach. and Electron. Tokyo Inst. of Technol.; (2) Tokyo Inst. Technol, Graduate School of Information Sci. and Engineering, JPN

Joho Shori Gakkai Kenkyu Hokoku, 2001, VOL.2001,NO.89(CG-104), PAGE.47-52

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

MEDIA TYPE: Printed Publication

Motiongraph : **a Technique of Action Generation for an Autonomous Character.**

...ABSTRACT: can not prepare every action sequence. Therefore, we designed a graph style data structure, called **Motiongraph** . Each node has a posture of a character and links which have action segments. When...

21/3,K/2 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

(c) 2002 The HW Wilson Co. All rts. reserv.

1200820 H.W. WILSON RECORD NUMBER: BAST94069481

**Kubota brings workstation graphics to the PC**

AUGMENTED TITLE: **ActionGraphics** 300 card

Design News v. 49[50] (Nov. 7 '94) p. 27

DOCUMENT TYPE: Feature Article ISSN: 0011-9407

AUGMENTED TITLE: **ActionGraphics** 300 card

ABSTRACT: Kubota Graphics has released its **ActionGraphics** 300 card, which offers true 24-bit color rendered at 1,280 [times] 1,024...

25/6/1        (Item 1 from file: 2)  
 4888383      INSPEC Abstract Number: C9504-7140-010  
**Title: No stars in their eyes ( Electronic patient records)**  
 Publication Date: 26 Jan. 1995  
 Copyright 1995, IEE

25/6/2        (Item 2 from file: 2)  
 4765009      INSPEC Abstract Number: C9410-6130D-016  
**Title: Document markup for open information interchange**  
 Publication Date: 1994

25/6/3        (Item 3 from file: 2)  
 4712820      INSPEC Abstract Number: C9409-6160S-001  
**Title: Low-budget graphic databases**  
 Publication Date: June 1994

25/6/4        (Item 4 from file: 2)  
 4565354      INSPEC Abstract Number: B9402-8130F-007, C9402-7410B-041  
**Title: A knowledge-based GIS method for visual impact assessment in transmission line siting**  
 Publication Date: 1992

25/6/5        (Item 5 from file: 2)  
 4467044      INSPEC Abstract Number: C9310-5610S-001  
**Title: VL-bus offers cure for GUI blues**  
 Publication Date: June 1993

25/6/6        (Item 6 from file: 2)  
 4460859      INSPEC Abstract Number: A9318-7760-002, B9309-2810F-007  
**Title: Modified PZT ceramics for electronic application**  
 Publication Date: May 1993

25/6/7        (Item 7 from file: 2)  
 04390685  
**Title: The power brokers (southern electric 's network system)**  
 Publication Date: March 1993

25/6/8        (Item 8 from file: 2)  
 03444772      INSPEC Abstract Number: C89055680  
**Title: Image : the next information frontier**  
 Publication Date: May-June 1989

25/6/9        (Item 9 from file: 2)  
 03299604      INSPEC Abstract Number: B89011136, C89016287  
**Title: Extending the campus through microcomputers**  
 Publication Date: Aug. 1988

25/6/10       (Item 10 from file: 2)  
 03244704      INSPEC Abstract Number: D88002880  
**Title: A bureau for all seasons**  
 Publication Date: July-Aug. 1988

25/6/11       (Item 11 from file: 2)  
 03064417      INSPEC Abstract Number: D88000764  
**Title: The software solution (LANs)**  
 Publication Date: Dec. 1987

25/6/12 (Item 12 from file: 2)  
02806537 INSPEC Abstract Number: D87000736  
**Title: The display typewriter and decentralized word processing**  
Publication Date: Dec. 1986

25/6/13 (Item 13 from file: 2)  
02512672 INSPEC Abstract Number: B85049360, C85042760  
**Title: Information feedback system for identifying and eliminating problem areas in electronic products**  
Publication Date: 1983

25/6/14 (Item 14 from file: 2)  
02496989 INSPEC Abstract Number: B85047679, C85037054  
**Title: Television animation store: recording pictures on a parallel transfer magnetic disc**  
Publication Date: Dec. 1984

25/6/15 (Item 15 from file: 2)  
02493516 INSPEC Abstract Number: C85038512  
**Title: Design and presentation of Computer Human Factors Journal on the BLEND system**  
Publication Date: Spring 1984

25/6/16 (Item 16 from file: 2)  
02365684 INSPEC Abstract Number: D85000180  
**Title: The day when manufacturers finally get the message in the mail**  
Publication Date: 15 Nov. 1984

25/6/17 (Item 17 from file: 2)  
02338935 INSPEC Abstract Number: C84051134, D84002991  
**Title: The screen with the sensitive touch (640 electronic typewriter)**  
Publication Date: Sept. 1984

25/6/18 (Item 1 from file: 6)  
1869453 NTIS Accession Number: DE95004369  
**Search Hanford accessible reports electronically system design description. Revision 1**  
1995

25/6/19 (Item 2 from file: 6)  
1868137 NTIS Accession Number: PB95-179776  
**Slagmelt Ladle Refining Technology Feasibility. Volume 1. Final Report, November 1991-May 1993**  
Oct 94

25/6/20 (Item 3 from file: 6)  
1821061 NTIS Accession Number: DE94010724  
**Comparison of lime and iron oxide for high temperature sulfur removal. Final technical report, September 1, 1989--December 31, 1991**  
(Progress rept)  
1994

25/6/21 (Item 4 from file: 6)  
1417489 NTIS Accession Number: DE89001427  
**CHIPS (Channel Hydrodynamics Integrated with Pulse Simulation): A Phenomenological WIPS Mode Propagation Code : Physical Model**  
Jul 88

25/6/22 (Item 5 from file: 6)  
1280979 NTIS Accession Number: ED-273 257  
**Role of Colleges in the Coming Demise of the Personal Computer Industry**  
18 Jan 86

25/6/23 (Item 6 from file: 6)  
1272693 NTIS Accession Number: DE86009673  
**Improved Set of Auger Data Analysis Programs for Physical Electronics Auger Spectrometer Systems**  
Mar 86

25/6/24 (Item 7 from file: 6)  
0951233 NTIS Accession Number: DE81700803/XAB  
**Effect of Gas Filling on the Self-Quenching Streamer Operation Mode Performances of a Wire Chamber**  
1980

25/6/25 (Item 8 from file: 6)  
0641547 NTIS Accession Number: COO-1385-71/XAB  
**Electron Spin Resonance Studies of Radiation Effects. Progress Report for Period January 1, 1976--December 31, 1976**  
Jan 77

25/6/26 (Item 1 from file: 8)  
03813028  
**Title: Loss and waiting time probability approximation for general queueing**  
Publication Year: 1993

25/6/27 (Item 2 from file: 8)  
02103699  
**Title: DOCUMENT DELIVERY TO A PHOTOTYPESETTING SYSTEM.**  
Conference Title: Networks and Electronic Office Systems.  
Publication Year: 1985

25/6/28 (Item 3 from file: 8)  
00841519  
**Title: BEAM BRIGHTNESS MODULATION IN AUGER SCANNING MICROSCOPY.**  
Publication Year: 1978

25/6/29 (Item 4 from file: 8)  
00685322  
**Title: PRACTICAL NARROW-BAND TELEVISION SYSTEM: SAMPLEDOT.**  
Publication Year: 1976

25/6/30 (Item 1 from file: 34)  
04230834 Genuine Article#: RP978 Number of References: 15  
**Title: 3D-ECHOCARDIOGRAPHY - MATHEMATICAL BASIS AND TECHNICAL REALIZATION**  
(Abstract Available)

25/6/31 (Item 2 from file: 34)  
03555431 Genuine Article#: PM767 Number of References: 0  
**Title: ELECTRONIC DISPLAY TECHNOLOGIES - STATE-OF-THE-ART** (Abstract Available)

25/6/32 (Item 3 from file: 34)  
02343387 Genuine Article#: KV406 Number of References: 220  
**Title: NONLINEAR OPTICAL-MATERIALS AND APPLICATIONS** (Abstract Available)

25/6/33 (Item 4 from file: 34)  
01474164 Genuine Article#: HB837 Number of References: 11  
Title: CONFOCAL-LINE MICROSCOPY (Abstract Available)

25/6/34 (Item 5 from file: 34)  
01468319 Genuine Article#: HB537 Number of References: 83  
Title: MOLECULAR-STRUCTURE AND INTRAMOLECULAR MOTION OF (E)-STILBENES IN  
CRYSTALS - AN INTERPRETATION OF THE UNUSUALLY SHORT ETHYLENE BOND (  
Abstract Available)

25/6/35 (Item 6 from file: 34)  
01409887 Genuine Article#: GX791 Number of References: 80  
Title: FERMI SURFACES, FERMI LIQUIDS, AND HIGH- TEMPERATURE  
SUPERCONDUCTORS (Abstract Available)

25/6/36 (Item 1 from file: 35)  
01491922 ORDER NO: AADAA-I9622105  
A GENERAL MOTION MODEL AND SPATIO-TEMPORAL FILTERS FOR 3-D MOTION  
INTERPRETATIONS ( IMAGE ANALYSIS)  
Year: 1995

25/6/37 (Item 2 from file: 35)  
01427681 ORDER NO: AADAA-I9525820  
BROADBAND SWITCHING: ARCHITECTURAL DESIGN, PERFORMANCE ANALYSIS, AND  
APPLICATIONS (ASYNCHRONOUS TRANSFER MODE)  
Year: 1995

25/6/38 (Item 3 from file: 35)  
01412452 ORDER NO: AADAA-INN93411  
MULTIPLE-USER COMMUNICATIONS WITH NON-ORTHOGONAL SIGNALLING  
Year: 1994

25/6/39 (Item 4 from file: 35)  
01308619 ORDER NO: AAD93-25232  
THE CHEMICAL CHARACTERIZATION AND POSSIBLE REUSES OF HAZARDOUS WASTES  
GENERATED BY THE GENERAL ELECTRIC SILICONE PRODUCTS DIVISION IN  
WATERFORD, N.Y. (NEW YORK, SILICONE)  
Year: 1993

25/6/40 (Item 5 from file: 35)  
01292234 ORDER NO: AAD93-14320  
MULTIRESOLUTION SYSTEMS FOR VIDEO CODING  
Year: 1992

25/6/41 (Item 6 from file: 35)  
01284461 ORDER NO: AAD93-11222  
CONTROL OF QUANTUM DYNAMICS USING EXTERNAL FIELDS DESIGNED BY OPTIMAL  
CONTROL THEORY, LEARNING ALGORITHMS, AND INVERSE CONTROL  
Year: 1993

25/6/42 (Item 7 from file: 35)  
01226047 ORDER NO: AAD92-19401  
CONNECTIONIST MODELING AND CONTROL OF FINITE STATE ENVIRONMENTS  
Year: 1992

25/6/43 (Item 8 from file: 35)

01151518 ORDER NO: AAD91-09060

**A MULTIOBJECTIVE CONTROL SYNTHESIS FOR ARTICULATED SPACE STRUCTURES  
(DIFFERENTIAL GAME THEORY)**

Year: 1990

25/6/44 (Item 9 from file: 35)

0995914 ORDER NO: AAD88-14047

**ADAPTIVE CONTROL OF MECHANICAL MANIPULATORS: STABILITY AND ROBUSTNESS  
ANALYSIS**

Year: 1987

25/6/45 (Item 10 from file: 35)

914685 ORDER NO: AAD86-08106

**HIGH-RESOLUTION PRINTING WITHOUT A FRAME BUFFER (LASER, GRAPHICS ,  
TYPESETTERS, SCAN CONVERSION)**

Year: 1986

25/6/46 (Item 11 from file: 35)

897923 ORDER NO: AAD85-25126

**TECHNOLOGICAL CHANGE IN THE WORK PLACE: THE IMPACT OF VIDEO DISPLAY  
TERMINALS ON NEWSPAPER COPY DESK WORK**

Year: 1985

25/6/47 (Item 12 from file: 35)

820994 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.

**TECHNIQUES FOR SIGNAL PROCESSING OF IMAGE DATA**

Year: 1983

25/6/48 (Item 13 from file: 35)

752825 ORDER NO: AAD81-17383

**MATRIX ISOLATION SPECTRA AND STRUCTURES OF UNSTABLE MOLECULES**

Year: 1980

25/6/49 (Item 1 from file: 94)

02631073 JICST ACCESSION NUMBER: 95A1027667 FILE SEGMENT: JICST-E

**Holographic Recording Characteristics of an LCTV-SLM and Its Application  
to Electroholography., 1995**

25/6/50 (Item 2 from file: 94)

01945374 JICST ACCESSION NUMBER: 94A0036519 FILE SEGMENT: JICST-E

**Study of Skin Thermal Parameter Measurement by Infrared Radiative Thermal  
Meter., 1993**

25/6/51 (Item 3 from file: 94)

01796122 JICST ACCESSION NUMBER: 93A0652130 FILE SEGMENT: JICST-E

**A Dynamic Biped Walking Robot Adapting a Momentum Mechanism by Flexible  
Beams (Demonstration by Animation )., 1993**

25/6/52 (Item 4 from file: 94)

01192065 JICST ACCESSION NUMBER: 91A0170243 FILE SEGMENT: JICST-E

**Design of control software using visual representation., 1990**

25/6/53 (Item 5 from file: 94)

01168758 JICST ACCESSION NUMBER: 91A0037459 FILE SEGMENT: JICST-E

**Development of road-heating control system for energy saving., 1990**

25/6/54 (Item 6 from file: 94)



00876947 JICST ACCESSION NUMBER: 89A0215444 FILE SEGMENT: JICST-E  
"Son-Go-Ku": A dream of automated library., 1989

25/6/55 (Item 7 from file: 94)  
00392553 JICST ACCESSION NUMBER: 87A0155791 FILE SEGMENT: JICST-E  
A two dimensional photon counting tube., 1986

25/6/56 (Item 1 from file: 144)  
10414196 PASCAL No.: 92-0617671  
Experimental study of the compositions and stabilities of synthetic  
nyboeite and nyboeite-glaucophane amphiboles  
1992

25/6/57 (Item 1 from file: 108)  
00559669 A72-41410  
The airborne visual simulation as an electronic display .  
PUBLICATION DATE: 197200

25/6/58 (Item 1 from file: 583)  
05136497  
Waiting for the volume to increase  
EUROPE - CONSUMER **ELECTRONICS** TO REMAIN FLAT FOR 1992  
16 June 1992

25/6/59 (Item 2 from file: 583)  
04258175  
AM VARITYPER LAUNCHES ADVENT 3B2 FOR MACS  
UK - AM VARITYPER LAUNCHES ADVENT 3B2 FOR MACS  
0 May 1991

25/6/60 (Item 3 from file: 583)  
03902736  
IBM'S OFFICEVISION/2 RELEASE 2 STILL NOT READY  
--US - IBM'S OFFICEVISION/2 RELEASE 2 STILL NOT READY  
17 December 1990

25/6/61 (Item 4 from file: 583)  
02534103  
GENERAL **ELECTRIC** USES COMPUTER-CONTROLLED BAR **CODE** PRINTER  
US - GENERAL **ELECTRIC** USES COMPUTER-CONTROLLED BAR **CODE** PRINTER  
0 February 1989

25/6/62 (Item 5 from file: 583)  
01768464  
SURVEY ON APPLICATIONS OF FIBRE OPTICS  
UK - SURVEY ON APPLICATIONS OF FIBRE OPTICS  
16 March 1988  
?

29/3,K/1 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01168761 ORDER NO: AAD91-25272

**WITTGENSTEIN AND PHILOSOPHICAL SIGNIFICATION**

Author: DEMARCO, CHARLES WESLEY

Degree: PH.D.

Year: 1991

Corporate Source/Institution: VANDERBILT UNIVERSITY (0242)

Source: VOLUME 52/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 943. 534 PAGES

...mistaken analogies on which such 'puzzles' ostensibly are based) are found to fail. Wittgenstein's **text** succeeds in **replacing** one "**picture**" of language--and of philosophy--with another, but it supplies us with an optional paradigm...

...frames legitimate 'philosophical' significance: a focus on the operations and their qualifications allows us to **sign** 'practice as such', 'logic in itself', 'production for its own sake', and the like. Along..

32/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5738976 INSPEC Abstract Number: A9723-4260-002, B9712-4320-005

**Title: A proposal to replace words on IEC laser/ LED labels with symbols**

Author(s): Weiner, R.; Beguier, G.

Author Affiliation: Weiner Associates, Manhattan Beach, CA, USA

Conference Title: Proceedings of the International Laser Safety Conference. ILSC'97 p.96-103

Publisher: Laser Inst. America, Orlando, FL, USA

Publication Date: 1997 Country of Publication: USA viii+649 pp.

ISBN: 0 912035 13 7 Material Identity Number: XX97-01997

Conference Title: Proceedings of the International Laser Safety Conference. ILSC '97

Conference Date: 17-20 March 1997 Conference Location: Orlando, FL, USA

Language: English

Subfile: A B

Copyright 1997, IEE

**Title: A proposal to replace words on IEC laser/ LED labels with symbols**

...Abstract: have resulted in an effort to develop an amendment to the IEC 825-1 laser/ LED safety standard to allow **symbols** to **replace** the **words** on the required warning labels on the product. The proposal provides for a combined label...

...Descriptors: **light emitting diodes** ;

Identifiers: IEC 825-1 laser/ LED safety standard...

32/3,K/2 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01333494 ORDER NO: AADNN-82817

**DIRECT MANIPULATION, THROUGH ROBOTS, BY THE PHYSICALLY DISABLED**

Author: HALPERN-HAMU, CHARLES DAVID

Degree: PH.D.

Year: 1993

Corporate Source/Institution: UNIVERSITY OF TORONTO (CANADA) (0779)

Source: VOLUME 54/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4776. 133 PAGES

ISBN: 0-315-82817-X

...chance for succes in each.

Flat 3D was developed to make it easy to use **pictures** **instead** of **words** for the human side. Flat 3D is a way to organize graphical microwords that falls...

...prototype was created. Preliminary clinical evaluation of the prototype system in a half-scale environment **led** to design improvements. The Doorway prototype shows the promise of using pictures to control robots...

32/3,K/3 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

(c) 2002 The Gale Group. All rts. reserv.

04296403

BT DEVELOPS DESKTOP VIDEO-CONFERENCING SYSTEM

UK - BT DEVELOPS DESKTOP VIDEO-CONFERENCING SYSTEM

Fintech Telecom Markets (FTT) 16 May 1991 p4

...the computer screen. It is expected that the final product will employ a PC card **instead** of the external **codec**. BT is considering whether the **picture** will be transmitted onto a **LCD** or standard screen. The price is expected to be between GBP13-18k. The Gulf War...

39/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02718490 INSPEC Abstract Number: C86045684

**Title: The need for interactive video in the education of the deaf**

Author(s): Jones, C.F.G.

Author Affiliation: Donaldson's Sch. for the Deaf, Edinburgh, UK

Journal: Programmed Learning and Educational Technology vol.23, no.2

p.156-8

Publication Date: May 1986 Country of Publication: UK

CODEN: PLETAF ISSN: 0033-0396

Language: English

Subfile: C

Abstract: Unlike hearing children, deaf children miss opportunities of linking linguistic input with **action** in their environment. This fundamental dynamic link between language and **action** is the rationale behind the development of interactive video in the education of the deaf...

... video program which enables deaf children to comprehend the different tenses of verbs, together with **action** provided in a 'microworld' through video. The development of the 'Interactive Video Dictionary' enables deaf

... avoid the tedious task of looking up conventional dictionaries, thus enabling them to enjoy reading. **Instead** of conventional textual explanation of the meaning of **words**, the Interactive Video Dictionary shows the meaning of **words** either by **picture** or by **signs** from British Signed English. Deaf children are able to relate the linguistic input in the form of subtitles with the relevant **action** in the video before reading the storyline without the video in the 'Reading and Comprehension

39/3,K/2 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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0882050 NTIS Accession Number: PB81-173684/XAB

**Human Factors Requirements for Real-Time Motorist Information Displays. Volume 9. A Study of Physical Design Requirements for Motorist Information Matrix Signs**

(Final rept. Jun 74-Feb 78)

Messer, C. J. ; Stockton, W. R. ; Mounce, J. M. ; Andersen, D. A. ; Turner, J. M.

Texas Transportation Inst., College Station.

Corp. Source Codes: 015063000

Sponsor: Federal Highway Administration, Washington, DC. Traffic Systems Div.

Report No.: FHWA-RD-78-13

Feb 78 193p

Languages: English

Journal Announcement: GRAI8112

See also Volume 10, PB81-173692.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A09/MF A01

... of this study was to identify the physical design requirements of changeable message lamp matrix **signs**. Design **characteristics** addressed include sequential and **run** -on displays, message length, **words** per line, number of lines, display rates, legibility, bulb loss, and **symbolic substitution**. Effects of driver workload were also addressed. The studies were conducted first in a laboratory equipped with a rear projection screen and subject response controls. Slides and **motion picture** film were used with controlled exposures to obtain subject responses. Percent correct

response was the evaluation criterion for all variables except **symbolic substitution** which related to association. Selected laboratory results were subjected to limited field validation in a...

**39/3,K/3 (Item 1 from file: 34)**  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

05050960 Genuine Article#: TM093 No. References: 69  
**Title: ANALYSIS OF A DISORDER OF EVERYDAY ACTION**  
Author(s): SCHWARTZ MF; MONTGOMERY MW; FITZPATRICKDESALME EJ; OCHIPA C;  
COSLETT HB; MAYER NH  
Corporate Source: MOSS REHABIL RES INST,1200 W TABOR  
RD/PHILADELPHIA//PA/19141; TEMPLE UNIV,SCH MED/PHILADELPHIA//PA/19122;  
JAMES A HALEY VET HOSP/TAMPA//FL/33612  
Journal: COGNITIVE NEUROPSYCHOLOGY, 1995, V12, N8, P863-892  
ISSN: 0264-3294  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Abstract: We present a patient, JK, who developed a profound disturbance of routine **action** production subsequent to closed head injury. Part I of the study describes the disorder as...

...of everyday living. JK demonstrated the features of frontal apraxia, including extreme vulnerability to object **substitution** and object misuse. In Part II we carried out a neuropsychological assessment targeted at JK...

**39/3,K/4 (Item 1 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01438799 ORDER NO: AADAA-I9536762  
**"THERE WERE ALSO WOMEN": THE ART AND POWER OF WOMEN CHARACTERS IN MARK 11-16**

Author: CRISCIONE, MARY  
Degree: PH.D.  
Year: 1995  
Corporate Source/Institution: GRADUATE THEOLOGICAL UNION (0080)  
Source: VOLUME 56/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2279. 185 PAGES

...16:1-8) is generally posed in relation to the male disciples. My study contends **instead** that the women at the tomb (Mk 16:1-8) be read first in the...

...stories in Mark's Jerusalem account (Mk 11-16), then in light of the overall **characterization** of all Markan women (1-16). To this end, a literary-rhetorical method is applied, analyzing the **characters** in terms of both literary function (art) and rhetorical effect (power). Analysis focuses particularly on...

**39/3,K/5 (Item 2 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01364186 ORDER NO: AAD94-19816  
**SCRIBES OF THEIR TIMES: THE POETIC WORKS OF NICANOR PARRA, ERNESTO CARDENAL, ROSARIO CASTELLANOS AND DECIO PIGNATARI (PARRA NICANOR, CHILE, CARDENAL ERNESTO, NICARAGUA, PIGNATARI DECIO, BRAZIL, CASTELLANOS ROSARIO, MEXICO)**

Author: KAUFFMANN, RUTH ANNETTE  
Degree: PH.D.  
Year: 1994  
Corporate Source/Institution: THE UNIVERSITY OF CHICAGO (0330)

Source: VOLUME 55/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 583. 293 PAGES

...developed the poetic of "concretismo" with the Noigandres group in Brazil, incorporating and subverting ubiquitous **images** from advertising and the media in his poetry. By **replacing** the linear and diachronic syntax of language with the synchronic association of **words** and other visual **signs**, Pignatari offered a **symbolic** alternative to the myth of progress and advancement in Brazil.

Rosario Castellanos (Mexico, 1925-1974...

**39/3,K/6 (Item 3 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01322875 ORDER NO: AAD93-34666  
**THE ANTENNA TOWERS OF BABEL: NEWS, TELEVISION, MADONNA AND THE POLITICS OF POSTMODERN POPULAR CULTURE (CICCONE MADONNA)**

Author: TETZLAFF, DAVID JAMES  
Degree: PH.D.  
Year: 1993  
Corporate Source/Institution: THE UNIVERSITY OF IOWA (0096)  
Source: VOLUME 54/07-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2374. 406 PAGES

...First of all, the ideological content of popular media promotes no single "dominant ideology," offering **instead** a Balkanized smorgasbord of competing positions. Not that this represents any sort of democratic pluralism...

...A form of depoliticization is among the products of such seemingly political forms as the **news**. We have not yet reached the apocalyptic collapse of meaning and the accompanying impossibility of social **action** described by Baudrillard, but we have been **moving** in that direction. This movement is not inexorable. It proceeds by fits and starts, and has been subject to temporary setbacks, but so far any **signs** appearing to indicate the death of postmodernism are mere illusions. Any attempt to organize an  
...

...that can restore some of the depth and meaning that have been stripped from the **symbols** systems that must be used to negotiate political organization and social change.

**39/3,K/7 (Item 4 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01090781 ORDER NO: AADD--86864  
**THE CREATIVE HAND: AN INVESTIGATION INTO THE COGNITIVE CAPACITY FOR DESIGN**

Author: CROUCH, ANTHONY  
Degree: PH.D.  
Year: 1983  
Corporate Source/Institution: ROYAL COLLEGE OF ART (UNITED KINGDOM) (1027)  
Source: VOLUME 50/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3092. 186 PAGES

...its intuitive formation in the raw ambiguity of reality, to its definition as an abstract **sign**, is the fundamental capacity of the creative being. Finally, the thesis discusses the implications of this investigation for the general study of human thought and **action**, with special reference to Psychology. The thesis argues that Psychology should renounce its attempt to appear "value-less" and "objective". **Instead** it must seek to enhance the ways and means of deciding between and achieving our...

39/3,K/8 (Item 5 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

751120 ORDER NO: AAD81-16392

**THROUGH-OUT YOUR GENERATIONS FOREVER; A SOCIOLOGY OF BLOOD SACRIFICE**

Author: JAY, NANCY B.  
Degree: PH.D.  
Year: 1981  
Corporate Source/Institution: BRANDEIS UNIVERSITY (0021)  
Source: VOLUME 42/02-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 885. 350 PAGES

...first radically to rethink what ritual is sociologically. Conventional interpretations of ritual, which employ a **symbol** -referent approach, restrict interpretation to each unique **symbol** system or culture and block the way toward any general theory of blood sacrifice. I use **instead** an interpretation that stresses what ritual does rather than what it means. Through this approach...

...patrilineal descent in which membership is made known not by birth or begetting (both uncertain **signs** of paternal origin) but by rights to participate in sacrifices. This performative work of sacrifice...

39/3,K/9 (Item 6 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

697883 ORDER NO: AAD80-24736

**A SEMIOTIC ANALYSIS OF "HOMBRES DE MAIZ" BY MIGUEL ANGEL ASTURIAS**

Author: PRIETO, RENE  
Degree: PH.D.  
Year: 1980  
Corporate Source/Institution: STANFORD UNIVERSITY (0212)  
Source: VOLUME 41/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2136. 331 PAGES

...one hero and the events of one tale had repercussions on the lives of all **characters** and the events of all tales. I discovered, furthermore, that Asturias understates linear time and...

...does not lack unity. Its unifying principle is thematic and not actantial or chronological. The **characters** reap the benefits of previous **action** in the novel as they **substitute** for one another in a logical chain. Since Asturias used the Popol Vuh as one of his structural models in writing Hombres..., he correspondingly portrayed two heroes of the **action**. In the Popol Vuh, Hunahpu is donor, the man of maize recipient of civilization. In...

...first tale in Asturias' novel, bestows upon Goyo Yic, the hero of the fifth, the **symbolic** riches of Maya-Quiche culture. Subjects in both texts stand at either end of a...

...chain--one as myth, the other as the human recipient and beneficiary of the mythic **code**. In writing Hombres de Ma(')iz, Asturias referred to the earliest known literature of the Guatemalan people and renewed its **code** by transposing it into contemporary society. The cultural medium may have changed, but the message...

39/3,K/10 (Item 7 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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695296 ORDER NO: AAD80-22465

**THE AMERICAN EVE AND ROMANTIC PRIMITIVISM: IMAGES OF WOMEN AND OF ETHNIC OR EXOTIC CHARACTERS IN MID - NINETEENTH-CENTURY AMERICAN NOVELS**

Author: HERZOG, KRISTIN K. H.  
Degree: PH.D.  
Year: 1980  
Corporate Source/Institution: THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL  
HILL (0153)  
Source: VOLUME 41/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1596. 309 PAGES

...of Eliza, the donning of men's clothes.

Delany's Blake tries to create new **images** of black men and women by choosing an all-black protagonist of heroic stature and...

...of women in particular is not seen as submissiveness, low intelligence, or lack of energetic **action**; it is **instead** considered a **sign** of human nobility even in its most violent expressions.

Thus the five writers discussed here...

39/3,K/11 (Item 8 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

691691 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.  
**DISCOURSE IN ACTION: REPRESENTATIONAL POLITICS IN MITO IN THE LATE  
TOKUGAWA PERIOD**

Author: KOSCHMANN, JULIEN VICTOR  
Degree: PH.D.  
Year: 1980  
Corporate Source/Institution: THE UNIVERSITY OF CHICAGO (0330)  
Source: VOLUME 41/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1171.

...the accessibility of origins and the possibility of renewal. Also, the nation as a whole **replaced** the dominal microcosm as the space for representational **action**.

Like all ideology Mito discourse provided a segment of society with a coherent world view...

39/3,K/12 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2002 Japan Science and Tech Corp(JST). All rts. reserv.

02366605 JICST ACCESSION NUMBER: 95A0540647 FILE SEGMENT: JICST-E  
**Neuropathic Arthropathy of the Shoulder Joint Caused by Syringomyelia. A  
report of 2 cases.**

HARADA SHIN'ICHI (1); ITO NOBUYUKI (1); ETO MASAO (1); TOMONAGA TADASHI  
(1); IWASAKI KATSURO (1)

(1) Nagasaki Univ., Sch. of Med.  
Katakansetsu(Shoulder Joint), 1995, VOL.19,NO.1, PAGE.123-128, FIG.5,  
TBL.2, REF.8

JOURNAL NUMBER: Y0678AAT ISSN NO: 0910-4461  
UNIVERSAL DECIMAL CLASSIFICATION: 616.7  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Short Communication  
MEDIA TYPE: Printed Publication

...ABSTRACT: slight ROM disturbance. Xp showed destruction of the joint, and laboratory data showed positive inflammatory **sign**, no leukocytosis, and the findings of the culture of aspirated fluid were negative. 2 to...

...1 the swelling disappeared however the ROM decreased markedly. 6 months later, a shoulder joint **replacement** was carried out. After the **replacement**, a little improvement of ROM were noticed. However it became worse gradually. 10yrs later gait...



...shoulder arthropathy. Destructive changes of the Xp film and a painless huge joint swelling were **characteristic**. Syringomyelia is difficult to diagnose and treat, and in this study the surgical treatments also ...

39/3,K/13 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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01509947 JICST ACCESSION NUMBER: 92A0315485 FILE SEGMENT: JICST-E

**Examination about Building of a Dictionary for a Total Communication Assistance.**

NAGASHIMA YUJI (1); SATO ISAMU (1); TERAUCHI MINA (2)

(1) Kogakuin Univ.; (2) Inst. of Vocational Training

Joho Shori Gakkai Kenkyu Hokoku, 1992, VOL.92,NO.15(HI-41), PAGE.55-60,

FIG.4, REF.9

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.3:621.397.3 002.2

LANGUAGE: Japanese

COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: explain a way of building the dictionary the purpose of which was that Japanese and **Sign** Language changed mutually. It examined it about applying a B-tree to the data structure of the dictionary there. Moreover, we propose adding a raised **letters** dictionary to realize a mutual communication among 3 persons of a seeing and hearing fault...

...of touch stimulation for sight fault person's recognizing a letter as the means which **substitutes** for the sense next to a sight fault person. (author abst.)

39/3,K/14 (Item 3 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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01111024 JICST ACCESSION NUMBER: 90A0631394 FILE SEGMENT: JICST-E

**Postpolio late progressive muscular atrophy. Clinical and epidemiologic analyses in 4 Japanese cases.**

NAGASHIMA TOSHIKO (1); KARASHIMA HITOSHI (1); TAKAHASHI RYOSUKE (1);

SAKURAI MASAKI (1); KOMORI TETSUO (1); TANABE HITOSHI (1)

(1) Tokyo Metrop. Neurological Hospital

Rinsho Shinkeigaku(Clinical Neurology), 1990, VOL.30,NO.4, PAGE.373-378,

FIG.4, TBL.6, REF.22

JOURNAL NUMBER: Z0689AAK ISSN NO: 0009-918X

UNIVERSAL DECIMAL CLASSIFICATION: 616.71

LANGUAGE: Japanese

COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: Japanese cases of postpolio progressive muscular atrophy(PPMA) of late onset were clinically studied to **characterize** their clinical features and discussed upon the epidemiologic viewpoint. Four male patients were included with...

...and occasionally myalgias were noticed without sensory disturbance and bulbar as well as upper motor neuron **signs**. Laboratory examinations revealed moderate elevations of serum CK and protein content in SCF. No significant...

...various degrees by muscle tested. Muscle CT disclosed patchy distribution of atrophied muscles with fatty **replacement** in all extremities. Spinal cord MRI **images** were unremarkable. Scatters of small grouped atrophy and fiber type grouping were noticed on muscle...

39/3,K/15 (Item 4 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2002 Japan Science and Tech Corp(JST). All rts. reserv.

00817484 JICST ACCESSION NUMBER: 89A0049141 FILE SEGMENT: JICST-E  
**Schizophrenia and loss experience. Parental loss and mourning.**

ARAI MINORU (1)

(1) Juntendo Univ., School of Medicine

Rinsho Seishin Byori(Japanese Journal of Psychopathology), 1988, VOL.9,NO.2  
, PAGE.149-161, REF.52

JOURNAL NUMBER: S0061CAN ISSN NO: 0389-3723

UNIVERSAL DECIMAL CLASSIFICATION: 616.891/.899

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: course. Their psychopathology was summarized as follows. 1) As for the former group, they showed **signs** of schizophrenic prodrome soon after parental loss as pathological mourning processes. The processes were **characterized** by marked depressive features and mirroring behavior with a slight change of outer perception lasting...

...was improved, true mourning processes began to appear, Therefore, above mentioned pathological mourning was a **substitute** for the true mourning work. In this sense, the prodrome could be recognized as "para-mourning process". 2) The latter group of chronic schizophrenics showed the clinical **picture** that after their loss, they fell into acute catatonic state, in which they experienced themselves..

File 344:CHINESE PATENTS ABS APR 1985-2001/Dec  
(c) 2002 EUROPEAN PATENT OFFICE  
File 347:JAPIO OCT 1976-2001/Sep(UPDATED 020102)  
(c) 2002 JPO & JAPIO  
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200206  
(c) 2002 Derwent Info Ltd

Set	Items	Description
S1	60826	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	300816	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	925669	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	38757	SIGNS OR SIGNAGE OR SIGN
S5	189	MARQUEE??
S6	250726	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S7	1299059	CHARACTER? OR CHARACTER()STRING?? OR COMPUTER()CODE?? OR C- ODE??
S8	496140	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRIT? OR OVER()WRI- T?
S9	1292138	DISPLAY?? OR SCREEN? OR MONITOR?
S10	3102873	SCOREBOARD? OR MESSAGE()CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S11	196	(SCORE OR READER) ()BOARD??
S12	246993	LED OR LIGHT()EMIT?()DIODE?
S13	125618	LCD OR LCDS OR LIQUID()CRYSTAL()DISPLAY??
S14	3016068	ELECTRONIC? OR ELECTRIC
S15	1854935	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S16	0	ACTIONGRAPH? OR MOTIONGRAPH? OR MOBILELED OR MOBILE()LED
S17	80	TICKER?? OR STOCKTICKER? OR STOCK()TICKER? OR AUTOSCROLL? - OR NEWSCRAWL OR TEXTSCROLL?
S18	6474	S8 AND (S6 OR S7) AND S1:S3
S19	8	S18 AND (S4 OR S5) AND (S12 OR S13 OR S14)
S20	1	S18 AND S17
S21	2805	S18 AND (S9 OR S10 OR S11)
S22	392	S21 AND S15
S23	0	S22 AND (DESIGNATION?? OR BRAND?? OR PRODUCT?? OR LABEL?? - OR NAME?) (3N) (CORPORATE OR CORPORATION OR BUSINESS OR COMPANY OR COMPANIES)
S24	23	S22 AND (CORPORATE OR CORPORATION OR BUSINESS OR COMPANY OR COMPANIES)
S25	22	S24 NOT (S19 OR S20)
S26	223	S8(3N) (S6 OR S7) (15N)WITH(5N)S1:S3
S27	20	S26(S)S15
S28	20	S27 NOT (S24 OR S19 OR S20)
S29	12	S28 NOT AD=19960116:20020128

19/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

03840156 \*\*Image available\*\*  
TRANSACTION MEDIUM

PUB. NO.: 04-205256 [JP 4205256 A]  
PUBLISHED: July 27, 1992 (19920727)  
INVENTOR(s): TAKAHASHI KENICHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 02-329387 [JP 90329387]  
FILED: November 30, 1990 (19901130)  
JOURNAL: Section: P, Section No. 1451, Vol. 16, No. 543, Pg. 144,  
November 12, 1992 (19921112)

#### ABSTRACT

PURPOSE: To obtain a card use confirming means **replaced** to emboss by storing **image** information, for which an identification **code** generated on the transacting medium is read by an optical reading means, in the storage...

...CONSTITUTION: A **sign** display part 14 of a card user directly writes a **sign** by a means such as a pen or the like while making the surface a little coarse, for example, or reads the **sign** written to another paper sheet by an OCR or the like and transfers this by a means such as printing or damaging this by laser beams. The **sign** is read by the optical reading means such as the OCR or the like and the magnetic information of the **sign** is recorded at one part 16 on a magnetic stripe 2 or recorded in a...

... card use confirmation only to reading and decoding the stored use confirmation information by any **electric** or magneto-optical means or the like, and in comparison with the conventional method to...

19/3,K/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Derwent Info Ltd. All rts. reserv.

013870739 \*\*Image available\*\*  
WPI Acc No: 2001-354951/200137  
XRAM Acc No: C01-109920  
XRPX Acc No: N01-257927

**User interface useful for processor integrated in electrical apparatus, comprises display sheet and transparent pressure sheet having pressure sensitive zone(s)**

Patent Assignee: REIPUR TECHNOLOGY AS (REIP-N)  
Inventor: REIPUR J

Number of Countries: 094 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200126045	A1	20010412	WO 2000DK547	A	20001002	200137 B
AU 200074064	A	20010510	AU 200074064	A	20001002	200143

Priority Applications (No Type Date): DK 991413 A 19991001  
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200126045	A1	E 17	G06K-011/06	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200074064 A G06K-011/06 Based on patent WO 200126045

Abstract (Basic):

... The inventive user interface has **replaceable** display sheet.  
The language and/or the **symbols** of the pattern(s) at the display  
sheet may be adjusted according to local languages and/or **symbol**  
standards without changing the entire user interface...

Technology Focus:

... Preferred Component: The display sheet displays a pattern of  
e.g. numbers, figures, **symbols**, **letters**, **signs**, and/or **icons**.  
It is **replaceable** and can be received or removed through an opening  
or a slot. It can be...  
...Title Terms: **ELECTRIC** ;

19/3,K/3 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Derwent Info Ltd. All rts. reserv.

013401926 \*\*Image available\*\*  
WPI Acc No: 2000-573864/200054  
XRPX Acc No: N00-424619

**Marker device for electric installation apparatus e.g. electric  
switch, or electric power-point, has two legs made of thin material,  
and space for marking text of symbol**

Patent Assignee: ELJO AB (ELJO-N)

Inventor: MAGNUSSON A

Number of Countries: 026 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1039433	A2	20000927	EP 99850183	A	19991129	200054 B
SE 9900993	A	20000920	SE 99993	A	19990319	200055
NO 9906305	A	20000920	NO 996305	A	19991217	200056

Priority Applications (No Type Date): SE 99993 A 19990319

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 1039433	A2	E	4	G09F-003/20
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

SE 9900993	A		G09F-003/04
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NO 9906305	A		G09F-007/02
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**Marker device for electric installation apparatus e.g. electric  
switch, or electric power-point, has two legs made of thin material,  
and space for marking text of symbol**

Abstract (Basic):

... 1) having two legs (2) that may be inserted under the support  
frame of the **electric** apparatus e.g. **electric** power-point socket.  
The yoke is manufactured of a very thin material, which means that the  
position of the **electric** apparatus does not change when the device is  
inserted. The yoke (1) comprises a flat surface (3) with a space for  
the marking **text** or **sign**, the surface taking a position outside the  
cover of the **electric** apparatus.

... impressions (4) for co-operation with holes or grooves in the  
support frame of the **electric** apparatus, and lines of weakness, for  
altering the lengths of the legs...

...Is easy to apply and also **replace** .

...Title Terms: **ELECTRIC** ;

19/3,K/4 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Derwent Info Ltd. All rts. reserv.

013195729 \*\*Image available\*\*  
WPI Acc No: 2000-367602/200032  
XRAM Acc No: C00-111128

XRFX Acc No: N00-275134

**An electroluminescent element emitting light of peak wavelength, 580 nm contains an anode and cathode, a fluorescent compound and a pyrromethene compound**

Patent Assignee: TORAY IND INC (TORA ); TORAY KK (TORA )

Inventor: HIMESHIMA Y; KITAZAWA D; KOHAMA A; TOMINAGA T

Number of Countries: 029 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1000998	A1	20000517	EP 99308823	A	19991105	200032 B
CA 2289181	A1	20000509	CA 2289181	A	19991108	200040
JP 2000208265	A	20000728	JP 99188766	A	19990702	200041
JP 2000208266	A	20000728	JP 99232414	A	19990819	200041
JP 2000208267	A	20000728	JP 99232415	A	19990819	200041
JP 2000208268	A	20000728	JP 99232416	A	19990819	200041
JP 2000208269	A	20000728	JP 99236564	A	19990824	200041
JP 2000208270	A	20000728	JP 99238236	A	19990825	200041
JP 2000208271	A	20000728	JP 99238237	A	19990825	200041
JP 2000208272	A	20000728	JP 99247226	A	19990901	200041
JP 2000208273	A	20000728	JP 99247227	A	19990901	200041
KR 2000035289	A	20000626	KR 9949147	A	19991108	200111
TW 432344	A	20010501	TW 99119438	A	19991106	200168

Priority Applications (No Type Date): JP 99188766 A 19990702; JP 98317681 A 19981109

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1000998 A1 E 22 C09K-011/06

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

CA 2289181 A1 E H05B-033/14

JP 2000208265 A 18 H05B-033/14

JP 2000208266 A 18 H05B-033/14

JP 2000208267 A 16 H05B-033/14

JP 2000208268 A 16 H05B-033/14

JP 2000208269 A 16 H05B-033/14

JP 2000208270 A 15 H05B-033/14

JP 2000208271 A 14 H05B-033/14

JP 2000208272 A 14 H05B-033/14

JP 2000208273 A 15 H05B-033/14

KR 2000035289 A H05B-033/14

TW 432344 A G09F-009/30

Abstract (Basic):

... useful in the form of sheet-like members for a display device, light, illuminator, marker, **sign**, **electronic** camera and an optical signal generator (claimed), especially for flat panel displays and back lights for displays, e.g. for personal computers, monitors, television **images**, **character** displays, time or temperature displays in a digital clock or thermometer, the operating state displays...

Technology Focus:

... **ELECTRONICS** - ...

...Preferred **Characteristics** : The electroluminescent element emits light of peak wavelength 580-720 nm and the fluorescent compound...

...The fluorescent compound is **substituted** with at least one aromatic ring or heterocyclic ring, or contains a fused ring on...

...or at least one cyclic structure in the fundamental structure of the fluorescent compound is **replaced** by a heterocycle. Especially, the fundamental structure of the fluorescent compound is a derivative of

19/3,K/5 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011331217     \*\*Image available\*\*  
WPI Acc No: 1997-309121/199728  
XRPX Acc No: N97-256178

**Object movement smoothness tester - compares characteristic spectrum with spectral characteristic of object dead zone to determine effects of fluctuations**

Patent Assignee: BOROVIKOV A G (BORO-I)  
Inventor: BOROVIKOV A G; MISYUR I V  
Number of Countries: 001    Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2069366	C1	19961120	RU 938371	A	19930211	199728    B

Priority Applications (No Type Date): RU 938371 A 19930211

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2069366	C1	4	G01P-003/22	

... **compares characteristic spectrum with spectral characteristic of object dead zone to determine effects of fluctuations**

...Abstract (Basic): voltage to spectrum analyser (1). The instantaneous value of the signal is converted into digital **code** and entered in a memory. When this fills the last samples **replace** the oldest, which are then erased. Simultaneously the memory recordings are read at a rate...

...screen in the form of a graph in amplitude-frequency coordinates. In parallel, a signal **characterising** the spectrum passes in **code** form to comparator (2), based on ordinary summators. The comparator also receives a signal from memory (3), which has data on the dead zone **characterising** the requirements of the process and the nonlinear properties of the object. The comparator compares the signals and subtracts them and passes the result to **sign** analyser (4), based on YES-NO elements. For a positive difference a digital **code** signal passes to summator (5) where all positive differences of the signal **code** are summated in accordance with the digitisation frequency. the sum obtained passes to d-a...

...which forms a voltage proportional to an integral relation for an analogue recorder (7) to **image** the data on the smoothness of movement of the object...

...USE - Tester concerns automation and metrology and may be used in photography, artificial crystal growing, **electronic** deposition, laser welding, cutting etc...

...Title Terms: **CHARACTERISTIC** ;

19/3,K/6        (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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004351286  
WPI Acc No: 1985-178164/198530  
XRPX Acc No: N85-133904

**Touch-reading system for blind person - uses matrix dots in fields within larger matrix fields will dots raised and flattened electronically to represent video screen text**

Patent Assignee: NIXDORF COMPUTER AG (NIXD )  
Inventor: BURCHART J  
Number of Countries: 009    Number of Patents: 006  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3400093	A	19850718	DE 3400093	A	19840103	198530    B
EP 151712	A	19850821	EP 84114334	A	19841127	198534
DE 3400093	C	19880428				198817
EP 151712	B	19890301				198909
DE 3476933	G	19890406				198915
US 4836784	A	19890606	US 85688583	A	19850103	198928

Priority Applications (No Type Date): DE 3400093 A 19840103; EP 84114334 A 19841127

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
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DE 3400093	A		22		
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EP 151712	A	G			
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Designated States (Regional): AT CH DE FR GB LI NL SE

EP 151712	B	G			
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Designated States (Regional): AT CH DE FR GB LI NL SE

... uses matrix dots in fields within larger matrix fields will dots raised and flattened electronically to represent video screen text

...Abstract (Basic): e.g. the fields (6) contain 2 x 4 dots for the 8-point Braille **code** and are centrally arranged in fields (8) containing 4 x 6 dots...

...USE/ADVANTAGE - Converting video screen **text** into readable form for the blind. The larger fields (8) permit representation of **graphic symbols** commonly used in video **text** and not available in Braille...

...Abstract (Equivalent): e.g. the fields (6) contain 2 x 4 dots for the 8-point Braille **code** and are centrally arranged in fields (8) containing 4 x 6 dots...

...USE/ADVANTAGE - Converting video screen **text** into readable form for the blind. The larger fields (8) permit representation of **graphic symbols** commonly used in video **text** and not available in Braille. (22pp Dwg.No.1/11)

...Abstract (Equivalent): Device for the display of data on a reading apparatus for the blind with **sign** elements (4) arranged matrix-like in uniform grid pattern on a reading board (2), respectively...

...position protruding from the reading board (2) and in a retracted blanked out position, which **sign** elements can be controlled by means of a control circuit for the representation of **letters** and/or **pictures** for the blind, means being provided for setting and deleting the **sign** elements (4), **characterized** in that the control circuit (17) controls the entirety of all **sign** elements in individual **sign** cells (8, 8a) which are arranged in lines and columns, and consist in a plurality of **sign** elements (4) and in conjunction with this the control circuit activates 2 x 3 sub-cells (10) consisting respectively of a plurality of **sign** elements in each **sign** cell (8, 8a) for the representation of **graphic symbols**, e.g., view data **graphic symbols**, or activates in each **sign** cell (8, 8a) **sign** elements (4) in an area (6) inside a border area which has not been set...

...Abstract (Equivalent): **Instead** of **character** fields arranged with certain spacings apart from one another for displaying Braille **characters**, the reading table is occupied by a dense matrix of **character** elements (4) with uniform line and column spacings. Certain **character** fields (6) are provided which serve for displaying the Braille **characters**. These are surrounded by other elements which are not set in the displaying of Braille **text**, so that the Braille **characters** have the required spacing apart from one another...

...The whole reserve of **character** elements is used for reproducing large-area **graphics**, large **symbols** or tables. With a certain arrangement of the **character** elements, all of the information displayable on a viewing screen may be reproduced on the

...Title Terms: **ELECTRONIC** ;

19/3,K/7 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004278298

WPI Acc No: 1985-105176/198518



XRPX Acc No: N85-078809

**Image signal processing system based on synthetic aperture technique -  
uses hologram generator for producing data in response to electrical  
signal and for digitising hologram data**

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 008 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 8432621	A	19850314	AU 8432621	A	19840831	198518 B
EP 140539	A	19850508	EP 84306019	A	19840903	198519
JP 60055280	A	19850330	JP 83163666	A	19830906	198519
JP 60055281	A	19850330	JP 83163667	A	19830906	198519
US 4653000	A	19870324	US 84646156	A	19840831	198714
CA 1250460	A	19890228				198913
EP 140539	B	19900516				199020
DE 3482285	G	19900621				199026

Priority Applications (No Type Date): JP 83163667 A 19830906; JP 83163666 A 19830906

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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AU 8432621	A		33		
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EP 140539	A	E			
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Designated States (Regional): DE FR GB NL

EP 140539	B				
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Designated States (Regional): DE FR GB NL

**Image signal processing system based on synthetic aperture technique...**

...Abstract (Basic): smaller than the first. Thus the operation, using the synthetic aperture technique produces a reconstructed **image** signal of the object...

...USE/ADVANTAGE - E.g. in ultrasonic testing/diagnosis system.Reconstructs **image** at higher speed.

...Abstract (Equivalent): An apparatus for reconstructing an **image** of an object (14) on the basis of a synthetic aperture technique, which comprises scanning...

...on said digital kernel function data stored in said computer means thereby producing a reconstructed **image** signal of the object, **characterised** in that said digital function data comprises a series of quantised levels having a second...

...2... n, whereby the number of times the multiplications included in said arithmetic operation are **replace** dby inversion of the **sign** of said hologram data is increased to speed up the performance of said arithmetic operation for **image** reconstruction. (13pp)

...Abstract (Equivalent): USE/ADVANTAGE - Radar or acoustic imaging system. Reconstructs **image** at increased speed without decreasing resolution. (10pp)p

Title Terms: **IMAGE** ;

19/3,K/8 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003609976

WPI Acc No: 1983-F8171K/198318

XRPX Acc No: N83-075598

**Sign board for traffic, advertising etc. - has reflective lettering,  
symbols etc. made of glass or plastics**

Patent Assignee: FISCHER J (FISC-I)

Inventor: FISCHER J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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Priority Applications (No Type Date): DE 3124512 A 19810623

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
DE 3124512	A		6		

Sign board for traffic, advertising etc...

...has reflective lettering, symbols etc. made of glass or plastics

...Abstract (Basic): The **sign** board is intended for traffic control, advertising notices etc. and comprises lettering, **symbols** etc. in light-reflecting glass or plastics on a sheet metal or other suitable panel...

...The board is used **instead** of an illuminated **sign** thus saving **electric** power. The **letters** etc. and background may be in different colours.

Title Terms: **SIGN** ;

?

20/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012140877 \*\*Image available\*\*  
WPI Acc No: 1998-557789/199847  
XRPX Acc No: N98-434774

**Video wall for displaying financial trading information - comprises a number of visual display units arranged to form a video wall for dynamically displaying graphic identifiers, such as corporate logos , to identify financial trading information**

Patent Assignee: NASDAQ STOCK MARKET INC (NASD-N)  
Inventor: APPLE T; FOOTEN J; NOBLE P; KLEIN A  
Number of Countries: 076 Number of Patents: 008  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9845830	A1	19981015	WO 97US5640	A	19970404	199847 B
AU 9726079	A	19981030	AU 9726079	A	19970404	199911
			WO 97US5640	A	19970404	
EP 972279	A1	20000119	EP 97917866	A	19970404	200009
			WO 97US5640	A	19970404	
CN 1251676	A	20000426	CN 97182104	A	19970404	200036
			WO 97US5640	A	19970404	
BR 9714681	A	20000725	BR 9714681	A	19970404	200043
			WO 97US5640	A	19970404	
SK 9901347	A3	20000814	WO 97US5640	A	19970404	200051
			SK 991347	A	19970404	
MX 9909011	A1	20000601	MX 999011	A	19991001	200133
JP 2001524230	W	20011127	WO 97US5640	A	19970404	200204
			JP 98542710	A	19970404	

Priority Applications (No Type Date): WO 97US5640 A 19970404

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9845830	A1	82	G09F-027/00	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG  
UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT  
KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9726079 A Based on patent WO 9845830

EP 972279 A1 E Based on patent WO 9845830

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LT  
LU MC NL PT SE SI

CN 1251676 A G09F-027/00

BR 9714681 A G09F-027/00 Based on patent WO 9845830

SK 9901347 A3 G09F-027/00

MX 9909011 A1 G09F-027/00

JP 2001524230 W 78 G06F-017/60 Based on patent WO 9845830

... a number of visual display units arranged to form a video wall for dynamically displaying graphic identifiers, such as corporate logos , to identify financial trading information

...Abstract (Basic): a number of visual display units, is used to dynamically display financial trading information (200). **Graphic** identifiers, such as corporate **logos** , are used to identify the financial data, **instead** of using the abbreviated **text** identifiers of the conventional **ticker** display format. When the financial markets are closed, this moving display area can be used...

...the video wall can be used to show videos of company profiles, interactive display elements, **graphics** showing activity in a main market, information about groups of securities, and a live commentary  
...

...ADVANTAGE - Easy to understand, due to the use of **graphic** identifiers  
    **instead** of abbreviated **text** identifiers...  
...Title Terms: **GRAPHIC** ;

25/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05775737 \*\*Image available\*\*  
HEAT-SENSITIVE RECORDING MATERIAL

PUB. NO.: 10-058837 [JP 10058837 A]  
PUBLISHED: March 03, 1998 (19980303)  
INVENTOR(s): MATSUMOTO TAKASHI  
NONAKA HIROE  
APPLICANT(s): NIPPON STEEL CHEM CO LTD [000664] (A Japanese Company or  
Corporation), JP (Japan)  
NIPPON STEEL CORP [000665] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 08-238538 [JP 96238538]  
FILED: August 21, 1996 (19960821)

...JAPIO CLASS: **Business** Machines); 30.9 (MISCELLANEOUS GOODS  
...JAPIO KEYWORD: **Word** Processors)

#### ABSTRACT

...layer containing a leuco dye which is colorless or of light color at the normal **temperature** and an organic acidic substance reacting with the leuco dye by heating is formed on...

... oxygen or sulfur atom, Z represents a non-sustituent aromatic group or an aromatic group **substituted** with alower alkyl or halogen atom, A represents a group of bivalence or more and...

... heat response properties are generated and the first coat fog and whitening of a recorded **image** are controlled by the relative **action** of the above-referred leuco dye, the organic acidic substance and the sensitizer.

25/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05646684

#### **IMAGE** PROCESSING METHOD

PUB. NO.: 09-261484 [JP 9261484 A]  
PUBLISHED: October 03, 1997 (19971003)  
INVENTOR(s): SHONO KATSUFUSA  
APPLICANT(s): MICRO TECHNOL KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-108752 [JP 96108752]  
FILED: March 26, 1996 (19960326)

#### **IMAGE** PROCESSING METHOD

...JAPIO CLASS: **Business** Machines); 42.4 (ELECTRONICS

#### ABSTRACT

PROBLEM TO BE SOLVED: To perform the compression, transfer and reproduction of digitized and sampled **image** data for a much data amount...

...SOLUTION: The **image** data (a gradation value) sampled as the digital data sequence of a line **image** are divided into the equal number of pixel sequences on the memory of a computer. The **time** series of chaos, for which branching occurs every **time**, are quantized and prepared as a data base. The data base is retrieved in advance and plural internal states backward to the past for certain discrete **time** are collected as arrangement from the high level to the low level. The compression **code** of one bit is allocated for the section for which the gradation value has no change of upper limit or lower limit along the line **image**. In the section where there is any change in the gradation value, the internal state before backward **moving** is **replaced** with the input **code** or its inverse and

defined as the compression **code** . The transferred compression **code** is reproduced through the inverse process of compression.

25/3,K/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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05212356 \*\*Image available\*\*

DECODING CIRCUIT FOR **RUN** LENGTH **CODE**

PUB. NO.: 08-167856 [JP 8167856 A]

PUBLISHED: June 25, 1996 (19960625)

INVENTOR(s): FUJIWARA MIKIO

GOI YOSHIYUKI

ISHII HIDEKI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 07-258953 [JP 95258953]

FILED: October 05, 1995 (19951005)

DECODING CIRCUIT FOR **RUN** LENGTH **CODE**

...JAPIO CLASS: **Business** Machines); 44.6 (COMMUNICATION

#### ABSTRACT

PURPOSE: To provide a highly efficient **run** length decoding circuit capable of corresponding to a **picture** element clock signal with high frequency at real **time** .

...

...CONSTITUTION: After initializing all data **words** stored in a 1st scan converting RAM 131a to '0', only a **code** -added level data **word** is **overwritten** on a position '0' in the RAM 131a which is specified by a zigzag scanning address based upon a zero **run** length data **word** . Thus one block stored in a 2nd scan converting RAM 131b is read out and

25/3,K/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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04712025 \*\*Image available\*\*

**REPLACING** **TIME** DECIDING/PROCESSING SYSTEM FOR INK CONTAINER IN PRINTER

PUB. NO.: 06-183025 [JP 6183025 A]

PUBLISHED: July 05, 1994 (19940705)

INVENTOR(s): KITAGAMI KOICHI

APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 04-338610 [JP 92338610]

FILED: December 18, 1992 (19921218)

**REPLACING** **TIME** DECIDING/PROCESSING SYSTEM FOR INK CONTAINER IN PRINTER

...JAPIO CLASS: **Business** Machines)

#### ABSTRACT

PURPOSE: To prevent a **character** or an **image** from blurring during printing by measuring consumption of ink in a printer and interrupting printing...

...CONSTITUTION: The inventive system comprises a printing electric signal transmitting section 2 for converting **character** / **image** information into electric signals and delivering electric signals thus converted, and a printing operation driving section 3 for **moving** a printing section, i.e., an ink delivery part 1-a or an ink medium holding part, wherein a **character** or an **image** is printed on a recording medium according to the electric signal. The printer is provided...

...and printing operation is interrupted by the ink deficiency signal. This constitution eliminates blurring of **character** or **image** during printing operation.

25/3,K/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04570757 \*\*Image available\*\*  
MULTICOLOR **IMAGE** FORMING DEVICE

PUB. NO.: 06-242657 [JP 6242657 A]  
PUBLISHED: September 02, 1994 (19940902)  
INVENTOR(s): SUZUKI HIROHARU  
IWATA NAOTAKA  
SAWADA AKIRA  
NISHIDO KAZUHIRO  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 05-129928 [JP 93129928]  
FILED: May 06, 1993 (19930506)  
JOURNAL: Section: P, Section No. 1835, Vol. 18, No. 630, Pg. 46,  
November 30, 1994 (19941130)

MULTICOLOR **IMAGE** FORMING DEVICE  
...JAPIO CLASS: **Business** Machines)

#### ABSTRACT

PURPOSE: To provide a color copying machine by which the excellent **image** of a 2nd color is obtained without disturbing the toner **image** of a 1st color and which has no color mixture by the 2nd color...

...CONSTITUTION: At the **time** of developing with the 2nd color, developing bias voltage consisting of the pulse voltage VPULS...

...is  $\leq 5\text{kHz}$ . VPULS is set to be larger than the potential VD of a non-**image** part so that developing potential may be high, and VDC is set to be smaller...

...the toner layer of the 1st color and larger than the potential VL of an **image** part so that sufficient developing potential may be obtained. A potential difference between VDC and...

...included in the fall part of VPULS and also chopping wave voltage may be impressed **instead** of VPULS. It is difficult to receive the effect of the developing potential of the...

... of the 1st color already developed. Then, the toner of the 2nd color showing specified **moving characteristic** is selected at a developing gap.

25/3,K/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04066222 \*\*Image available\*\*  
METHOD FOR THERMAL TRANSFER PRINTING IN PRINTER

PUB. NO.: 05-057922 [JP 5057922 A]  
PUBLISHED: March 09, 1993 (19930309)  
INVENTOR(s): IBATA JOJI  
KABASHIMA KAZUO  
APPLICANT(s): ASAHI CHEM IND CO LTD [000003] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-244060 [JP 91244060]  
FILED: August 30, 1991 (19910830)

JOURNAL: Section: M, Section No. 1443, Vol. 17, No. 368, Pg. 51, July  
12, 1993 (19930712)

...JAPIO CLASS: **Business** Machines)  
...JAPIO KEYWORD: **Word** Processors)

#### ABSTRACT

... printer avoiding the need for a rigid, movable printing mechanism by a method wherein, after **images** have been formed on the copying material provided with a recording layer constituted of a heat sensitive pigment, such **images** are reproduced on a transfer material by melt transferring...

... from behind against the paper by using a fixed thermal print head 3 to form **images** thereon. At this **time**, **instead** of **moving** the thermal print head 3 for scanning, a ribbon feed roll 4 is driven to **move** the ribbon 2 in the main scanning direction (a) to form the **images** on the ribbon 2. A heat pressing roll 5 heated to a predetermined **temperature** is then moved in the direction (b), whereby the **images** are melt- transferred on the surface of the paper 1 to complete a line of printing thereon. A paper roll 6 is driven to **move** the paper 1 in the direction (c) to perform the printing of the second and...

25/3,K/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03949464 \*\*Image available\*\*  
**IMAGE** FORMING DEVICE

PUB. NO.: 04-314564 [JP 4314564 A]  
PUBLISHED: November 05, 1992 (19921105)  
INVENTOR(s): MORIMOTO AKINORI  
YAMAJI YASUMICHI  
YAMAGUCHI KOZO  
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-082438 [JP 9182438]  
FILED: April 15, 1991 (19910415)  
JOURNAL: Section: M, Section No. 1384, Vol. 17, No. 136, Pg. 96, March  
19, 1993 (19930319)

#### **IMAGE** FORMING DEVICE

...JAPIO CLASS: **Business** Machines); 45.3 (INFORMATION PROCESSING  
...JAPIO KEYWORD: **Word** Processors)

#### ABSTRACT

PURPOSE: To reduce the **time** required for printing...  
... made changeable in its head-up position between two levels B and C, the reciprocally **moving** distance of the recording head 40 can be changed. Specifically, in the case of ribbon cassette **replacement**, the head-up position is set at the level B to lengthen the reciprocally **moving** distance of the recording head 40 and, to skip ribbon, the head-up position is set at the level C to shorten the reciprocally **moving** distance thereof.

25/3,K/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03745077 \*\*Image available\*\*  
**IMAGE** RECORDER

PUB. NO.: 04-110177 [JP 4110177 A]  
PUBLISHED: April 10, 1992 (19920410)  
INVENTOR(s): KOBU MAKOTO  
SUZUKI MINORU



ISHIDA AKIRA  
NOGUCHI KOICHI  
MORI TAKASHI  
JINNAI KOICHIRO

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 02-229852 [JP 90229852]  
FILED: August 30, 1990 (19900830)  
JOURNAL: Section: M, Section No. 1288, Vol. 16, No. 353, Pg. 96, July  
30, 1992 (19920730)

**IMAGE RECORDER**

...JAPIO CLASS: **Business** Machines); 44.7 (COMMUNICATION  
...JAPIO KEYWORD: **Word** Processors)

ABSTRACT

PURPOSE: To obtain an **image** recorder allowing an easy maintenance and inspection of **image** forming units by a method wherein a base unit and the respective **image** forming units are normally disposed in contact with each other, and the **image** forming units are spaced from each other and the base unit is spaced from the **image** forming unit, as required, by **moving** a connecting means connecting at least the respective **image** forming units...

...CONSTITUTION: On the both end parts of a base unit 1 and **image** forming units 2, for example, two parallel link levers 21 forming a pantagraph mechanism are...

... fixed, for example, with connecting pins 22 as a connecting means. When one of the **image** forming units 2 or the link levers 21. is moved, the units are moved from the normal state to a **replacement** position. The base unit 1 is spaced from the **image** forming unit 2 and, simultaneously, the **image** forming units 2 are spaced from each other. At the same **time**, the end parts of the **image** forming units 2 are separated from a feed unit 4. In this state, each of the **image** forming units 2 can be positively and easily **replaced** by being grasped by hands. In addition, jammed paper can be easily removed, and each part can be easily inspected or **replaced**.

25/3,K/9 (Item 9 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03391676 \*\*Image available\*\*

**IMAGE FORMING DEVICE**

PUB. NO.: 03-054576 [JP 3054576 A]  
PUBLISHED: March 08, 1991 (19910308)  
INVENTOR(s): MIYAZAKI HIDETO  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-189951 [JP 89189951]  
FILED: July 21, 1989 (19890721)  
JOURNAL: Section: P, Section No. 1207, Vol. 15, No. 207, Pg. 4, May  
28, 1991 (19910528)

**IMAGE FORMING DEVICE**

...JAPIO CLASS: **Business** Machines); 44.7 (COMMUNICATION

ABSTRACT

PURPOSE: To automatically detect the service life of an **image** carrier by detecting a mark on the **image** carrier, and inhibiting the **action** of an **image** forming device when the number of **image** forming actions reaches a previously set degree...

... mark detecting means 5 is constituted of a photosensor, and detects an identification mark 23 **displayed** on a photosensitive drum 22 rotated by a driving motor 21. The mark 23 is...

... manner that the production number of the photosensitive drum 22 is made

into a bar **code** , and is added. When the number of **image** forming actions of the photosensitive drum having the mark 23 detected by the mark detecting means 5 reaches the previously set service limit of the drum, the **action** of the **image** forming device is inhibited. Then, an operator **replaces** the photosensitive drum 22 with a fresh one, and when the mark 23 of the new photosensitive drum 22 is different from a previous one, the **action** of the **image** forming device is resumed.

25/3,K/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03311980 \*\*Image available\*\*  
**IMAGE FORMING DEVICE**

PUB. NO.: 02-287480 [JP 2287480 A]  
PUBLISHED: November 27, 1990 (19901127)  
INVENTOR(s): OTSUKA HIROHISA  
KIMURA KAZUHIRO  
KOMAZAWA ATSUSHI  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-107871 [JP 89107871]  
FILED: April 28, 1989 (19890428)  
JOURNAL: Section: P, Section No. 1165, Vol. 15, No. 59, Pg. 129,  
February 13, 1991 (19910213)

**IMAGE FORMING DEVICE**  
...JAPIO CLASS: **Business** Machines)

#### ABSTRACT

PURPOSE: To effectively correct the deterioration of photosensitive body **characteristic** by correcting the correcting amount of process conditions previously set in response to a change...

...CONSTITUTION: The device is provided with a **substitute characteristic** value measuring means and a correcting means; the measuring means measures a **substitute characteristics** value corresponding to film thickness decreasing amount of the photosensitive layer of the photosensitive body 1, which is caused by the grinding **action** of rubbing members 13 and 14, and the compensating means corrects the correcting amount of the processing conditions previously set in response to the change in the **substitute characteristic** value, based on the **substitute characteristic** value measured by the measuring means in consideration of the relationship between the **substitute characteristic** value and the film thickness decreasing amount of the photosensitive layer, the relationship between the film thickness decreasing amount of the photosensitive layer and deterioration in **characteristics** of the photosensitive body 1, and the relationship between the deterioration of the photosensitive body 1 and the compensation amount of the **image** forming processing conditions required for correction. As the **substitute characteristic** value, the service **time** of the photosensitive body is preferably adopted. The measuring means preferably consists of a clock generating circuit and a nonvolatile memory means. Therefore, the **image** forming process conditions can be effectively corrected with respect to the deterioration in the **characteristics** of the photosensitive body.

25/3,K/11 (Item 11 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03094972 \*\*Image available\*\*  
DISPLAYING METHOD FOR PRINTING POSITION OF DOCUMENT FORMING APPARATUS

PUB. NO.: 02-070472 [JP 2070472 A]  
PUBLISHED: March 09, 1990 (19900309)

INVENTOR(s): FUKUCHI MASAMI  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
TOSHIBA COMPUT ENG CORP [486760] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 63-222395 [JP 88222395]  
FILED: September 07, 1988 (19880907)  
JOURNAL: Section: M, Section No. 979, Vol. 14, No. 251, Pg. 45, May  
29, 1990 (19900529)

...JAPIO CLASS: **Business** Machines); 45.3 (INFORMATION PROCESSING

#### ABSTRACT

PURPOSE: To always accurately detect actual printing positions of individual input **character** data by providing designated data printing position **display** means for calculating print outputting position of data designated by **display** data designating means on the basis of printing format setting information obtained by format setting means to **display** it on a data **display screen** by **display** means...

...CONSTITUTION: After a sheet size, an inserting direction, the number of **characters** per line, the number of lines per page, a **characters** interval, a line feeding pitch, and a basic **character** size are respectively selected as desired by a keyboard 13, then **RUN** key is operated. Then, the selected format data are written in document buffer areas in...

... document to be formed. When the setting processing of document forming and printing format is **run**, a document forming **screen** is **displayed** **instead** of a format setting **screen** on a CRT 14 on the basis of a document forming and processing program stored in advance in the memory 12, and desired document data are sequentially formed and **displayed** in response to the keying input operation of **characters**, **symbols** by the keyboard 13.

25/3,K/12 (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02975460 \*\*Image available\*\*  
**IMAGE** FORMING DEVICE

PUB. NO.: 01-273060 [JP 1273060 A]  
PUBLISHED: October 31, 1989 (19891031)  
INVENTOR(s): SUGIURA MITSUSHI  
APPLICANT(s): MINOLTA CAMERA CO LTD [000607] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 63-103434 [JP 88103434]  
FILED: April 25, 1988 (19880425)  
JOURNAL: Section: P, Section No. 995, Vol. 14, No. 40, Pg. 61, January  
25, 1990 (19900125)

#### **IMAGE** FORMING DEVICE

...JAPIO CLASS: **Business** Machines)  
...JAPIO KEYWORD: **Word** Processors)

#### ABSTRACT

PURPOSE: To improve **image** quality in a device onto which an **image** producing unit and a printer unit can be selectively loaded by stopping the operation of the printer unit if the **temperature** of an electrophotographic fixing part exceeds the fusing point of ink when the printer unit is loaded **instead**.

...

...photosensitive body, an electrostatic charger, a developing device and a cleaner are united in the **image** producing unit 2, while a heat sensitive

head, an ink ribbon roller, a take-up...

...printer unit 22. When the unit 22 is loaded, a thermistor 49 detects the surface **temperature** of an upper fixing roller 41 in the fixing part 16. When the **temperature** is below the fusing point of ink, a heat transfer **action** is allowed, whereas if the **temperature** exceeds the fusing point, the transfer **action** is inhibited and the effect is **displayed** on a console panel. As a result, deterioration in an **image** due to the fact that the ink is offset by the heat of the fixing part can be eliminated to improve **image** quality.

25/3,K/13 (Item 13 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02969062 \*\*Image available\*\*  
DOCUMENT PROCESSOR

PUB. NO.: 01-266662 [JP 1266662 A]  
PUBLISHED: October 24, 1989 (19891024)  
INVENTOR(s): SUGITANI KAZUNOBU  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 63-094572 [JP 8894572]  
FILED: April 19, 1988 (19880419)  
JOURNAL: Section: P, Section No. 992, Vol. 14, No. 27, Pg. 17, January  
19, 1990 (19900119)

...JAPIO CLASS: **Business** Machines)  
...JAPIO KEYWORD: **Word** Processors)

#### ABSTRACT

...a change of a table which follows up its movement and a rearrangement of a **character** and a **symbol** by changing a structure of the table, based on the movement of the ruled line and rearranging the **character** and the **symbol** in the table in accordance with the change of the structure of the table...

...KB 5 is depressed and a mode flag is '0', a parallel movement of a **character** in a memory is executed. When a cursor is positioned in a longitudinal ruled line...

... is brought to parallel movement. Subsequently, a T-shaped part of an outer frame is **replaced** with a lateral ruled line, and also, a **character** - **string** of the left block is rejustified so as to be connected from the upper line. Moreover, in case the mode flag is '1', a **character** - **string** of the right side of the cursor position is rearranged in accordance with the narrowed...

...ruled line and an elimination of an unnecessary ruled line are executed, and also, the **character** of the left block is justified and a prescribed result is obtained. In such a way, at the **time** of editing the table, even if the ruled line is moved, a group of **characters** is rearranged in accordance with its sequence, and trouble for **moving** again only the **character** afterward can be saved.

25/3,K/14 (Item 14 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02841668 \*\*Image available\*\*  
INK JET RECORDING APPARATUS

PUB. NO.: 01-139268 [JP 1139268 A]  
PUBLISHED: May 31, 1989 (19890531)  
INVENTOR(s): WATABE NOBUYUKI

APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 62-296099 [JP 87296099]  
FILED: November 26, 1987 (19871126)  
JOURNAL: Section: M, Section No. 865, Vol. 13, No. 392, Pg. 96, August  
30, 1989 (19890830)

...JAPIO CLASS: **Business** Machines)

#### ABSTRACT

... a recording head needs to be forcibly discharged in accordance with recording conditions such as **temperature** and thereby discharging ink...

... is returned, paper is fed by a prearranged value immediately and the necessity of recovery **action** or the change of a head drive voltage is determined in accordance with the **temperature** or use frequency of a head 37, and the recovery **action** is performed according to necessity to set a change in the head drive voltage. This...

... the use frequency of the head is recognized by judging in advance the state of **characters** or **images** to be recorded when the head is at **temperature** other than a prearranged range, and the necessity of the recovery **action** is accepted when the use frequency is irregular. In accordance with this judgement, the ink...

...liquid chamber 203 and a nozzle 204 is circulated by a pressure pump 209 to **replace** the ink with an ink supply from an ink tank forcibly.

25/3,K/15 (Item 15 from file: 347)

DIALOG(R)File 347:JAPIO

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02759676 \*\*Image available\*\*

#### IMAGE FORMING DEVICE

PUB. NO.: 01-057276 [JP 1057276 A]  
PUBLISHED: March 03, 1989 (19890303)  
INVENTOR(s): MIWA SHINJI  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
TOSHIBA INTELLIGENT TECHNOL LTD [486764] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 62-214342 [JP 87214342]  
FILED: August 28, 1987 (19870828)  
JOURNAL: Section: P, Section No. 886, Vol. 13, No. 263, Pg. 47, June  
19, 1989 (19890619)

#### IMAGE FORMING DEVICE

...JAPIO CLASS: **Business** Machines)

#### ABSTRACT

PURPOSE: To measure the **characteristic** of each type of electrostatic charger by means of an **image** forming device itself by detecting an electric current flowing from an **image** carrier according to the **action** of an electrostatically charging means by means of a detecting means and obtaining an electrical potential on the surface of the **image** carrier in response to the electric current by means of a control means...

... mode, electrical charges are projected on the surface of a photosensitive body drum 11 by **moving** the required electrostatic charger and a leaking electric current is detected which is caused by...

... the surface of the photosensitive body drum 11 corresponding to the leaking electric current are **displayed** on the **display** part 17c of an operation panel 17. Therefore, when the electrical potential, etc., on the surface of the photosensitive body drum 11 are measured, it becomes unnecessary to **replace** the photosensitive body drum with a jig or to

connect a different type of ammeter. Thus, the **image** forming device itself can perform measuring and a measuring work can be simplified.

25/3,K/16 (Item 16 from file: 347)

DIALOG(R)File 347:JAPIO

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02549685 \*\*Image available\*\*

NUMBERING DEVICE GENERATING PSEUDO-RANDOM NUMBER

PUB. NO.: 63-166585 [JP 63166585 A]  
PUBLISHED: July 09, 1988 (19880709)  
INVENTOR(s): ICHIKAWA KIYOMICHI  
APPLICANT(s): OOTOSUTANPU KENKYUSHO KK [417364] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 61-310683 [JP 86310683]  
FILED: December 27, 1986 (19861227)  
JOURNAL: Section: M, Section No. 763, Vol. 12, No. 432, Pg. 134,  
November 15, 1988 (19881115)

...JAPIO CLASS: **Business** Machines)

#### ABSTRACT

... of numbers having no relation with each other, by a method wherein a plurality of **character** wheels each displaying **symbols** or numeric values numbering M on the peripheral surface thereof are made to progress by 1/M rotation per **action** and the progress of (M-1) times is transmitted to the **character** wheels other than the N-th **character** wheel while a full rotation of the N-th **character** wheel is conducted due to the progress of M times...

...CONSTITUTION: Numeric values from 0 to 9 are successively **displayed** on the peripheral surfaces of **character** wheels 3A, 3B, and 3C. When the **character** wheel 3A of the lowest place progresses as 0-1,1-2,...8-9, the progress is transmitted to the upper. place **character** wheels 3B and 3C; while when it progresses as 9-0, the progress is not transmitted thereto. If an initial **display** numeric value is set to 000, the progress of the **character** wheel 3A to 1 is transmitted to the **character** wheels 3B and 3C to turn the **display** to 111. The **display** reaches to 999 at the 9th progress. The **display** becomes 990 at the 10th progress because the first **character** wheel 3A changes from 9 to 0, thereafter turning to 901 at the 11th progress because the **character** wheel 3B changes from 9 to 0. After that, the numeric values are changed as shown in Table 1. The **displayed** sequences of numbers are arranged at random by **substituting** the arrangement of **display** numeric values in the respective **character** wheels.

25/3,K/17 (Item 17 from file: 347)

DIALOG(R)File 347:JAPIO

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01929671 \*\*Image available\*\*

ELECTROSTATIC CHARGE **IMAGE** DEVELOPING TONER

PUB. NO.: 61-143771 [JP 61143771 A]  
PUBLISHED: July 01, 1986 (19860701)  
INVENTOR(s): TANAKA KATSUHIKO  
FUKUMOTO HIROSHI  
IMAI EIICHI  
IKEDA TAKESHI  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 59-265203 [JP 84265203]  
FILED: December 18, 1984 (19841218)  
JOURNAL: Section: P, Section No. 517, Vol. 10, No. 341, Pg. 76,  
November 18, 1986 (19861118)

ELECTROSTATIC CHARGE **IMAGE** DEVELOPING TONER  
...JAPIO CLASS: **Business** Machines); 14.1 (ORGANIC CHEMISTRY

ABSTRACT

... represented by the formula as shown here, R(sub 1)-R(sub 3) being optionally **substituted** alkyl, cycloalkyl, aryl, alkylene, aralkyl, or a heterocyclic group. It is thermally stable and also stable for a long **time**, small in hygroscopicity, and the external or internal addition to a toner permits superior charge control **action** to be exhibited, high-fidelity development and transfer of an electrostatic latent **image** to be made, an **image** high in density and good in halftone reproducibility, and a sharp chromatic color **image** to be obtained, and the obtained toner to be prevented from agglomeration, change of **characteristics** due to repeated uses, and high- **temperature** offset trouble, and to be superior in storage stability, and not affected by high- **temperature** offset trouble, and to be superior in storage stability, and not affected by high- **temperature** and high humidity.

25/3,K/18 (Item 18 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

01929670 \*\*Image available\*\*  
ELECTROSTATIC CHARGE **IMAGE** DEVELOPING TONER

PUB. NO.: 61-143770 [JP 61143770 A]  
PUBLISHED: July 01, 1986 (19860701)  
INVENTOR(s): TANAKA KATSUHIKO  
FUKUMOTO HIROSHI  
IMAI EIICHI  
IKEDA TAKESHI  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 59-265202 [JP 84265202]  
FILED: December 18, 1984 (19841218)  
JOURNAL: Section: P, Section No. 517, Vol. 10, No. 341, Pg. 75,  
November 18, 1986 (19861118)

ELECTROSTATIC CHARGE **IMAGE** DEVELOPING TONER  
...JAPIO CLASS: **Business** Machines); 14.1 (ORGANIC CHEMISTRY

ABSTRACT

... compound to be added is represented by the formula as shown here, R being optionally **substituted** aryl, and X(sub 1), X(sub 2) being halogen, OH, CN, or SCN. It is thermally stable and also stable for a long **time**, small in hygroscopicity, and the external or internal addition to a developer permits superior charge control **action** to be exhibited, high-fidelity development and transfer of an electrostatic latent **image** to be made, an **image** high in density and good in halftone reproducibility, and a sharp chromatic color **image** to be obtained, and the obtained toner to be prevented from agglomeration, change of **characteristics** due to repeated uses, and high- **temperature** offset trouble, and to be superior in storage stability, and not affected by high **temperature** and high humidity.

25/3,K/19 (Item 19 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01929669 \*\*Image available\*\*  
ELECTROSTATIC CHARGE **IMAGE** DEVELOPING TONER

PUB. NO.: 61-143769 [JP 61143769 A]  
PUBLISHED: July 01, 1986 (19860701)  
INVENTOR(s): TANAKA KATSUHIKO

FUKUMOTO HIROSHI  
IMAI EIICHI  
IKEDA TAKESHI

APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 59-265201 [JP 84265201]  
FILED: December 18, 1984 (19841218)  
JOURNAL: Section: P, Section No. 517, Vol. 10, No. 341, Pg. 75,  
November 18, 1986 (19861118)

ELECTROSTATIC CHARGE **IMAGE** DEVELOPING TONER  
...JAPIO CLASS: **Business** Machines); 14.1 (ORGANIC CHEMISTRY

ABSTRACT

... 1), R(sub 2) are each alkyl, aralkyl, or aryl, or a hetero ring optionally **substituted** by any of said group; and A is Cl, Br, I, NO(sup -3), SO...

...or SO(sup 2-3). It is thermally stable and also stable for a long **time**, small in hygroscopicity, and the external or internal addition to a developer permits superior charge control **action** to be exhibited, high-fidelity development and transfer of an electrostatic latent **image** to be made, an **image** high in density and good in halftone reproducibility, and a sharp chromatic color **image** to be obtained, and the obtained toner to be prevented from agglomeration, change of **characteristics** due to repeated uses, and high- **temperature** offset trouble, and to be superior in storage stability, and not affected by high **temperature** and high humidity.

25/3,K/20 (Item 20 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

01817181 \*\*Image available\*\*  
SERIAL PRINTER

PUB. NO.: 61-031281 [JP 61031281 A]  
PUBLISHED: February 13, 1986 (19860213)  
INVENTOR(s): KANEKO HIROMI  
ITAKURA KAZUHARU  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 59-153624 [JP 84153624]  
FILED: July 24, 1984 (19840724)  
JOURNAL: Section: M, Section No. 493, Vol. 10, No. 187, Pg. 113, July  
02, 1986 (19860702)

...JAPIO CLASS: **Business** Machines); 45.3 (INFORMATION PROCESSING

ABSTRACT

PURPOSE: To insure one- **time** use of each printing track and markedly lower the frequency of **replacement** of an ink ribbon, by such control that each of printing tracks in used for printing by a printing head at most one **time**.

...

...CONSTITUTION: The logical sum of a film **image word** 15 of the printing track and a print **image word** 16 is calculated, and is stored in the film **image word** 15 of the printing track. Then, the printing track and a take-up quantity of...

...is set between a printing head 3 and a paper by a motor 13 for **moving** a ribbon cassette. After thus setting the printing track, a controlling signal is sent to...

...14, whereby printing is conducted by using the printing track of the ink



ribbon while **moving** the head by a carriage motor 9.

25/3,K/21 (Item 21 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2002 JPO & JAPIO. All rts. reserv.

01530351 \*\*Image available\*\*

ELECTROSTATIC LATENT **IMAGE** DEVELOPING CARRIER

PUB. NO.: 60-008851 [JP 60008851 A]

PUBLISHED: January 17, 1985 (19850117)

INVENTOR(s): NAKAYAMA NOBUHIRO

ISODA TETSUO

WATANABE YOICHIRO

AOKI MITSUO

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 58-116132 [JP 83116132]

FILED: June 29, 1983 (19830629)

JOURNAL: Section: P, Section No. 359, Vol. 09, No. 122, Pg. 134, May  
28, 1985 (19850528)

ELECTROSTATIC LATENT **IMAGE** DEVELOPING CARRIER

...JAPIO CLASS: **Business** Machines); 14.2 (ORGANIC CHEMISTRY

#### ABSTRACT

PURPOSE: To obtain the titled carrier superior in abrasion and impact resistances without impairing strong **action** for preventing a silicone resin toner from becoming spent by forming a specified coating layer...

... with a mixture of 0.1-20wt% polyborosiloxane of formula I and/or a polyborosiloxane **substituted** by at least one kind of alkyl, halogen, alkoxy, and acetoxymino, and 99.9-80wt...

... 1-4C lower alkyl, or phenyl. As a result, the obtained developing carrier gives stable **image** quality without deteriorating developing **characteristics** even during long **time** uses.

25/3,K/22 (Item 22 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2002 JPO & JAPIO. All rts. reserv.

01347847 \*\*Image available\*\*

OPTICAL **MONITORING** SYSTEM FOR PHOTOTYPESETTER

PUB. NO.: 59-059447 [JP 59059447 A]

PUBLISHED: April 05, 1984 (19840405)

INVENTOR(s): NISHITANI YOSHIHIRO

HASHIMOTO KOHEI

APPLICANT(s): RYOBI LTD [358894] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 57-171788 [JP 82171788]

FILED: September 29, 1982 (19820929)

JOURNAL: Section: M, Section No. 313, Vol. 08, No. 164, Pg. 115, July  
28, 1984 (19840728)

OPTICAL **MONITORING** SYSTEM FOR PHOTOTYPESETTER

...JAPIO CLASS: **Business** Machines)

#### ABSTRACT

PURPOSE: To ensure that the same **image** as a **character image** to be printed on a sensitive material can be seen at a desired magnification factor...

... between a lens system and the sensitive material and providing a zoom lens between an **image** pick-up part and the half-mirror...

... between a lens system 7 and a sensitive material 8 on an optical axis, the **character image** passed through the lens system 7 is bisected to the material 8 side and an optical **monitoring** system 10 side, a part of the **image** is printed on the material 8, while a part of the **image** entering the optical system 10 is fed into a zoom lens system 11 either directly or indirectly, and it is focused on a TV camera of the **image** pick-up part 12 at an arbitrary magnification factor. The **image** can be enlarged or reduced at the desired magnification factor by **replacing** or **moving** lenses in the zoom lens system 11. Accordingly, printing particularly of small point size **characters** or deformed **characters**, short space printing thereof or the like can be performed accurately and easily.

29/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Derwent Info Ltd. All rts. reserv.

011634630 \*\*Image available\*\*  
WPI Acc No: 1998-051758/199805  
XRPX Acc No: N98-041144

**Copy protection system for document, e.g. text, image or video stream, or audio stream - altering contents of document without changing meaning to generate different variants for different receivers of the document**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: CHOW C; KUTTEN S; YUNG M M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5699427	A	19971216	US 95494615	A	19950623	199805 B

Priority Applications (No Type Date): US 95494615 A 19950623

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5699427	A		13	G11B-023/28	

...Abstract (Basic): The document can be **text** , in which case variants can be produced by varying selected **words** , e.g. **replacing words with** synonyms or using equivalent alternative spellings or punctuation choices. For an **image** or video **stream** , variations can be produced by changing e.g. the size, shape, colour or location of an object or group of objects in the image or video **stream** . In an audio **stream** the content can be varied by altering the loudness, duration, pitch or other tonal qualities...

29/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Derwent Info Ltd. All rts. reserv.

011380139 \*\*Image available\*\*  
WPI Acc No: 1997-358046/199733  
XRPX Acc No: N97-297362

**Image display appts of pachinko machine - has image controller that displays information in animated form, based on animation material data corresponding to character of each recognition information, stored in memory**

Patent Assignee: HEIWA KK (HEIW-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9149965	A	19970610	JP 95335905	A	19951130	199733 B

Priority Applications (No Type Date): JP 95335905 A 19951130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9149965	A		14		

...Abstract (Basic): The appts consists of a memory (25) in which **animation** material data is stored. The **animation** material data is formed of **animation** material corresponding to every **character** of each recognition information. An **image** controller (5) reads the data from the memory in predetermined order and **replaces** the **character** of recognition information **with** the corresponding **animation** material and displays it through an indicator (2) in **animated** form...

29/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Derwent Info Ltd. All rts. reserv.

010199230 \*\*Image available\*\*

WPI Acc No: 1995-100484/199514

XRPX Acc No: N95-079441

**Image processing appts. with motion error correction function - replacing image pixel block contg. artifact with adjacent frame which is extracted using motion data**

Patent Assignee: CANON KK (CANO )

Inventor: SHIKAKURA A

Number of Countries: 008 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 642273	A2	19950308	EP 94306409	A	19940831	199514 B
JP 7079441	A	19950320	JP 93246447	A	19930907	199520
EP 642273	A3	19950419	EP 94306409	A	19940831	199545
US 5614958	A	19970325	US 94296162	A	19940829	199718
EP 642273	B1	20001102	EP 94306409	A	19940831	200056
DE 69426224	E	20001207	DE 626224	A	19940831	200103
			EP 94306409	A	19940831	

Priority Applications (No Type Date): JP 93246447 A 19930907

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 642273	A2	E	12	H04N-007/24	
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Designated States (Regional): DE ES FR GB IT NL

JP 7079441	A		5	H04N-007/32	
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EP 642273	A3			H04N-007/24	
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US 5614958	A		11	H04N-007/68	
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EP 642273	B1	E		H04N-007/24	
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Designated States (Regional): DE ES FR GB IT NL

DE 69426224	E			H04N-007/24	Based on patent EP 642273
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...Abstract (Basic): The image processing appts. has an input device for inputting data including **motion** data and **image** data encoded w.r.t. the **motion** data. A detector senses error **codes** in the **image** data, and a correction device conceals the **image** error by **replacing** it with an adjacent frame extracted using the **motion** data...

**29/3,K/4 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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009814432 \*\*Image available\*\*

WPI Acc No: 1994-094288/199412

XRPX Acc No: N94-073980

**Error masking procedure for video image transmission system - transmitting signals using two coding techniques with data combined to detect errors**

Patent Assignee: SGS THOMSON MICROELTRN SA (SGSA )

Inventor: HENRY M

Number of Countries: 006 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 588736	A1	19940323	EP 93420369	A	19930916	199412 B
FR 2696026	A1	19940325	FR 9211555	A	19920918	199415
JP 6253288	A	19940909	JP 93249732	A	19930913	199441
US 5436664	A	19950725	US 93122240	A	19930916	199535
EP 588736	B1	19960110	EP 93420369	A	19930916	199607
DE 69301297	E	19960222	DE 601297	A	19930916	199613
			EP 93420369	A	19930916	

Priority Applications (No Type Date): FR 9211555 A 19920918

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 588736	A1	F	7	H04N-007/13	
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Designated States (Regional): DE FR GB IT

JP 6253288	A		5	H04N-007/137	
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US 5436664	A		7	H04N-007/50	
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EP 588736	B1	F	7	H04N-007/24	
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Designated States (Regional): DE FR GB IT  
DE 69301297 E H04N-007/24 Based on patent EP 588736  
FR 2696026 A1 G06F-015/62

...Abstract (Equivalent): picture of the first series being followed by several pictures of the second series, the **codes** of each block of the second series of **pictures** comprising at least the indication of a **motion** vector, and a decoding step wherein, if an error is detected, said error masking is made by **replacing** blocks in error **with** blocks of a former **picture**, the blocks of an interpicture being **replaced with** blocks of a former **picture** corrected by the **motion** vectors of the blocks of said interpicture, **characterised** in that: during the coding step, one adds to the data corresponding to each block of an intrapicture, data indicating the **motion** vector of this block with respect to at least another picture, and during a decoding...

29/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009447455

WPI Acc No: 1993-140980/199317

XRPX Acc No: N93-107543

**Contact-sensitive object icon drag-drop protocol for visual code generation - allows user to drag object from sample pallet and drop it on specific target location in source code window**

Patent Assignee: ANONYMOUS (ANON )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 347018	A	19930310	RD 93347018	A	19930220	199317 B

Priority Applications (No Type Date): RD 93347018 A 19930220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RD 347018	A			G06F-000/00	

...Abstract (Basic): When the object icon is dragged into a text (or source **code** ) window for **code** editing, the Source **Code** Window is in an edit mode **with** source **code** lines displayed. The user can **move** the object **icon** in the Source **Code** Window and: If the current position is within a **code** line, dropping the **icon** will **replace** the **code** in the **code** line by the source code represented by the **icon** . If the current position is between two code lines, or within an enclosing language expression...

...start of the code to be replaced; holding down a designated key (e.g. Shift); **moving** the icon to the end of the code to be replaced; releasing the key and...

29/3,K/6 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009089874 \*\*Image available\*\*

WPI Acc No: 1992-217296/199226

Related WPI Acc No: 1994-024845

XRPX Acc No: N92-164943

**Display device of sequential graphic materials of various sizes - has housing containing source of illumination and graphic transparencies suspended by rods riding in shaped channels driven by programmed motor**

Patent Assignee: DIAMOND DISPLAYS INC (DIAM-N); HONSE J J (HONS-I)

Inventor: HONSE J J

Number of Countries: 016 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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WO 9209980	A1	19920611	WO 91US8150	A	19911104	199226	B
EP 511369	A1	19921104	WO 91US8150	A	19911104	199245	
			EP 92900706	A	19911104		
JP 5504011	W	19930624	WO 91US8150	A	19911104	199330	
			JP 92501858	A	19911104		
EP 511369	A4	19930421	EP 92900706	A	19920000	199526	
EP 511369	B1	19970312	WO 91US8150	A	19911104	199715	
			EP 92900706	A	19911104		
DE 69125145	E	19970417	DE 625145	A	19911104	199721	
			WO 91US8150	A	19911104		
			EP 92900706	A	19911104		

Priority Applications (No Type Date): US 90616542 A 19901121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9209980	A1	E	17	G09F-011/30	
					Designated States (National): CA JP
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE
EP 511369	A1	E	17	G09F-011/30	Based on patent WO 9209980
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE
JP 5504011	W			G09F-011/15	Based on patent WO 9209980
EP 511369	B1	E	7	G09F-011/30	Based on patent WO 9209980
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE
DE 69125145	E			G09F-011/30	Based on patent EP 511369
					Based on patent WO 9209980
EP 511369	A4			G09F-011/30	

...Abstract (Equivalent): in the channels, each of the rods having attached thereto a graphic (18), means for **moving** the rods in the channels so that the graphic associated **with** each is in turn held adjacent to the screen (22) for a timed period **with** the edges of the **graphic** engaged by guides (56a,56b) in the first and second side members to hold the **graphic** therebetween, and then **replaced** after the timed period **with** the next of the **graphics**, **characterised** in that the rod **moving** means comprises endless drive means (44) **with** means (46) for engaging the ends of each rod (26) in turn and **moving** the rods in the channels (30) and in that the graphic (18) is received between...

29/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004710078

WPI Acc No: 1986-213420/198633

XRPX Acc No: N86-159372

**Optimisation method for compiler - decides reference of operands between register and main storage and not needing account of available registers**

Patent Assignee: INT BUSINESS MACHINES CORP (IBM C ); IBM CORP (IBM C )

Inventor: CHAITIN G J; HOPKINS M E; MARKSTEIN P W; WARREN H S

Number of Countries: 007 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 190622	A	19860813	EP 86100927	A	19860124	198633	B
US 4656582	A	19870407	US 85697675	A	19850204	198716	
CA 1223665	A	19870630				198730	
EP 190622	B1	19920520	EP 86100927	A	19860124	199221	
DE 3685339	G	19920625	DE 3685339	A	19860124	199227	
			EP 86100927	A	19860124		

Priority Applications (No Type Date): US 85697675 A 19850204

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 190622	A	E	12		
					Designated States (Regional): DE FR GB IT SE
EP 190622	B1	E	13	G06F-009/44	
					Designated States (Regional): DE FR GB IT SE
DE 3685339	G			G06F-009/44	Based on patent EP 190622

...Abstract (Equivalent): symbolic register-to-register (RR) instructions, optimising the program by standard techniques including commoning, code **motion** out of loops, strength reduction, dead code elimination, etc., and locating predetermined patterns in the...

...object or objects and utilising "last use" register information gained during previous optimisation stages to **replace** these patterns with a shorter instruction sequence of SR, RS or SS instructions where possible, assigning real registers to each instruction by **replacing** each **symbolic** register with a real machine register, and generating spill **code** where necessary and again, locating said predetermined patterns in the **code** produced by the previous step and again replacing these patterns with a different pattern of SR, RS or SS instructions where possible and, generating machine code...

29/3,K/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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004660088

WPI Acc No: 1986-163430/198626

XRPX Acc No: N86-121815

**Decoder for symbol-correction coded data - replaces only unreliably decoded code symbols by new ones to enable renewed decoding of modified word**

Patent Assignee: PHILIPS GLOEILAMPENFAB NV (PHIG )

Inventor: BAGGEN C P M

Number of Countries: 009 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 185425	A	19860625	EP 85202036	A	19851210	198626 B
JP 61144933	A	19860702	JP 85282133	A	19851217	198633
NL 8403818	A	19860716				198633
US 4675870	A	19870623	US 85747523	A	19850621	198727
CA 1246230	A	19881206				198902
EP 185425	B	19900613				199024
DE 3578290	G	19900719				199030

Priority Applications (No Type Date): NL 843818 A 19841217

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 185425 A E 17

Designated States (Regional): AT DE FR GB NL SE

EP 185425 B

Designated States (Regional): AT DE FR GB NL SE

...Abstract (Equivalent): When the second indicator flag indicates unreliable decoding of the corrected **code word**, the data **stream** is again addressed **replacing** the stored **code symbols** with newly demodulated **code** signals under the selective control of the first indicator flag which indicated unreliable demodulation of a **code symbol** previously stored in the intermediate memory...

29/3,K/9 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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003904730

WPI Acc No: 1984-050275/198409

XRAM Acc No: C84-021080

XRPX Acc No: N84-037996

**Positive working solid resist contg. ortho-nitro-carbinol ester - as light sensitive cpd. and crosslinking agent used in electronics and printing plate mfr.**

Patent Assignee: BASF AG (BADI )

Inventor: LEYRER R; SANGER D

Number of Countries: 010 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3231147	A	19840223	DE 3231147	A	19820821	198409	B
EP 101587	A	19840229	EP 83107690	A	19830804	198410	
JP 59067536	A	19840417	JP 83151740	A	19830822	198421	
US 4456679	A	19840626	US 83525395	A	19830822	198428	
EP 101587	B	19870121				198703	
DE 3369402	G	19870226				198709	

Priority Applications (No Type Date): DE 3231147 A 19820821

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 3231147	A		43		
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EP 101587	A	G			
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Designated States (Regional): BE CH DE FR GB IT LI NL

EP 101587	B	G			
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Designated States (Regional): BE CH DE FR GB IT LI NL

...Abstract (Basic): and X is hydrogen, alkyl of 1 to 8 carbon atoms or an unsubstituted or **substituted** aryl or aralkyl radical, is exposed **imagewise** to actinic light, and then the exposed areas of the resist layer are washed out **with** an aqueous developer, **characterised** in that the photosensitive resist layer also contains a compound which effects crosslinking and possesses...

...or more reactive groups groups which are capable of reacting with -COOH groups under the **action** of heat to form a covalent chemical bond, and that the photosensitive resist layer, after...

...Abstract (Equivalent): and X is hydrogen, alkyl of 1 to 8 carbon atoms or an unsubstituted or **substituted** aryl or aralkyl radical, is exposed **imagewise** to actinic light, and then the exposed areas of the resist layer are washed out **with** an aqueous developer, **characterised** in that the photosensitive resist layer also contains a compound which effects crosslinking and possesses...

...or more reactive groups groups which are capable of reacting with -COOH groups under the **action** of heat to form a covalent chemical bond, and that the photosensitive resist layer, after...

29/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003879467

WPI Acc No: 1984-025005/198405

XRPX Acc No: N84-018811

**Document transmitting and encoding for word processing system - compacts data to be sent over communications line and uses comparison of stored and text characters**

Patent Assignee: IBM CORP (IBMC )

Inventor: BRICKMAN N F; ROSENBAUM W S

Number of Countries: 006 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 98958	A	19840125	EP 83105431	A	19830601	198405	B
JP 59023964	A	19840207	JP 8387785	A	19830520	198411	
US 4494150	A	19850115	US 82397704	A	19820713	198505	
EP 98958	B	19880824				198834	
DE 3377858	G	19880929				198840	

Priority Applications (No Type Date): US 82397704 A 19820713

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 98958	A	E	30		
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Designated States (Regional): DE FR GB IT



EP 98958            B   E  
Designated States (Regional): DE FR GB IT

...Abstract (Basic): A threshold difference value is used to determine the acceptability of the library **word** . When the threshold value is met, the **code** of the **word** and its located page are **substituted** for in the output **stream** . The **word** autocorrelation redundancy match encoding is combined with **character** level complex **symbol** matching and two-dimensional **run** length encoding for data not found in the stored word library. The reconstructed test is...

29/3,K/11            (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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003250240

WPI Acc No: 1982-A6928J/198249

**Digital telephone transmission system with AC coupled amplifiers - uses efficient multilevel signal, having no power at zero frequency and circuitry for substituting inverted symbols for selected words**

Patent Assignee: NORTHERN TELECOM LTD (NELE )

Inventor: BETTS M C; DILLEY J E; GRAVES A F; PASCOE F M

Number of Countries: 009    Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 65849	A	19821201	EP 82302420	A	19820512	198249    B
NO 8201603	A	19821206				198301
DK 8202165	A	19830321				198318
CA 1153118	A	19830830				198338
US 4408189	A	19831004				198342
EP 65849	B	19850904				198536

Priority Applications (No Type Date): CA 377543 A 19810514

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 65849	A	E	30		
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Designated States (Regional): CH FR GB LI SE

EP 65849	B	E			
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Designated States (Regional): CH FR GB LI SE

...Abstract (Basic): The **code** converter (10,11,12,22,32,40) comprises a circuit for converting a binary signal (8) to **words** of multilevel **symbols** (F) with one or more **words** constituting a frame. The converter includes circuitry (13,21,30,31) for **substituting** inverted **symbols** for selected **words** so as to continually reduce the **running** digital sum of the **symbols** . A circuit (50,51,52,53,40) is provided for adding a separate multilevel **symbol** to each frame to indicate the **substitution** of inverted **symbols** in the selected **word** or **words** of that frame...

29/3,K/12            (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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001474610

WPI Acc No: 1976-D7517X/197616

**Redundant character recognition system - for fast sorting of train of documents having both magnetic ink and bar code characters**

Patent Assignee: RECOGNITION EQUIPMENT INC (RECO-N)

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 3949363	A	19760406				197616    B

Priority Applications (No Type Date): US 74484073 A 19740628

...Abstract (Basic): recognition signals from MICR, OCR and bar-code read heads to produce a single data **stream** for automatic sorting of a constant velocity train of documents. In the event the MICR and OCR readers are unable to identify a **character image**, a Bar- Code reader is used to supplement MICR/OCR data by **replacing** MICR data field rejects **with** bar- code data field recognition signals. When rejects are generated from both the MICR and bar-code...

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(c) 2001 ProQuest Info&Learning  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Nov  
(c) 2001 The HW Wilson Co.  
File 108:AEROSPACE DATABASE 1962-2001/DEC  
(c) 2001 AIAA  
File 111:TGG Natl.Newspaper Index(SM) 1979-2002/Dec 28  
(c) 2002 The Gale Group  
File 144:Pascal 1973-2001/Dec W4  
(c) 2001 INIST/CNRS  
File 202:Information Science Abs. 1966-2001/ISSUE 09  
(c) Information Today, Inc  
File 233:Internet & Personal Comp. Abs. 1981-2001/Dec  
(c) 2001 Info. Today Inc.  
File 238:Abs. in New Tech & Eng. 1981-2001/Dec  
(c) 2001 Reed-Elsevier (UK) Ltd.  
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(c) 1998 Inst for Sci Info  
File 483:Newspaper Abs Daily 1986-2002/Jan 02  
(c) 2002 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2001/Dec 29  
(c) 2001 The Gale Group  
File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning

Set	Items	Description
S1	2570540	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	28011	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	1934967	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	9989546	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	95444	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	12533	S4(3N)(CONCOMITANT? OR CONTEMPORAN? OR INCORPORAT?)
S7	3075331	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL?
S8	377635	TEXTSCROLL? OR NEWSROLL? OR REALTIME? OR REAL()TIME
S9	2786	S4(3N)CONTEMPORA?
S10	49124	S1-S2(3N)S3
S11	463	S10 AND (S5 OR S6 OR S9)
S12	55	S11 AND S7
S13	21	S11 AND S8
S14	67	S12-S13
S15	12813	S1(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECUR- RITIES OR INVESTMENT?)
S16	39	S15 AND S1-S2(10N)S3(5N)S4
S17	39	S16 NOT S14

S18 106 S14 OR S17  
S19 91 RD (unique items)  
S20 44 S19/1997:2001  
S21 47 S19 NOT S20  
?t21/7/all

21/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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5147355 INSPEC Abstract Number: A9603-4230-043, B9602-6140C-145,  
C9602-1250-079

**Title: Brightness and contrast as cues to depth in the simulator display  
: cue combination and conflict resolution**

Author(s): Hone, G.N.; Davies, I.R.L.

Author Affiliation: Appl. Psychol. Unit, Cranfield Univ., UK

Journal: Proceedings of the SPIE - The International Society for Optical  
Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)  
vol.2411 p.240-9

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 1995 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1995)2411L:240:BCCD;1-Z

Material Identity Number: C574-95103

U.S. Copyright Clearance Center Code: 0 8194 1758 0/95/\$6.00

Conference Title: Human Vision, Visual Processing, and Digital Display VI

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol

Conference Date: 6-8 Feb. 1995 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper  
(JP)

Treatment: Experimental (X)

Abstract: Previously, the authors reported that luminance variations could distort the depicted scene, and influence the accuracy of judgement of spatial layout in computer generated imagery. There have been other reports that suggest that it is luminance contrast, rather than luminance per se, that functions as a depth cue. Since a negative luminance gradient can also simulate atmospheric perspective, and neither a negative luminance gradient, or a negative luminance-contrast gradient, can be accurately represented with **real - time** computer generated images, the authors have considered the influence of each of these gradients on observers' perception of scene layouts generated by computer, in order to assess their input on the perceptions of depicted layout. The findings suggest that both luminance gradients, and luminance contrast gradients can affect judgements of spatial layout. However, the nature of their influence depends on the amount and type of other depth information available on the screen. The results are consistent with a model of depth cue combination that weights each cue in relation to the other available cues, with implications for the resolution of conflicting cues. (13 Refs)

Subfile: A B C

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21/7/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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5147348 INSPEC Abstract Number: B9602-6140C-139, C9602-1250-078

**Title: Grayscale/resolution trade-off for text: model predictions and psychophysical results for letter confusion and letter discrimination**

Author(s): Gille, J.; Martin, R.; Lubin, J.; Larimer, J.

Author Affiliation: Western Aerosp. Labs., Moffett Field, CA, USA

Journal: Proceedings of the SPIE - The International Society for Optical  
Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)  
vol.2411 p.159-69

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 1995 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1995)2411L:159:GRTT;1-O

Material Identity Number: C574-95103

U.S. Copyright Clearance Center Code: 0 8194 1758 0/95/\$6.00

Conference Title: Human Vision, Visual Processing, and Digital Display VI

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol

Conference Date: 6-8 Feb. 1995 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Theoretical (T); Experimental (X)

Abstract: Previously, the authors examined the grayscale/resolution **trade -off** for natural **images** displayed on devices with discrete pixellation, such as AMLCDs. In the present paper they extend this study by examining the grayscale/resolution **trade -off** for **text images** on discrete-pixel **displays**. Their strategy for investigating this **trade -off** is to generate a set of simple test **images**, manipulate grayscale and resolution, predict discrimination performance using the ViDEOS/sub Sarnoff/ Human Vision Model, conduct an empirical study of discrimination using psychophysical procedures, and verify the computational results using the psychophysical results. (10 Refs)

Subfile: B C

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21/7/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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5034101 INSPEC Abstract Number: C9510-6130M-012

Title: **Improvement of the user interface of multimedia applications by automatic display layout**

Author(s): Luders, P.; Ernst, R.

Author Affiliation: Tech. Univ. Braunschweig, Germany

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)

vol.2417 p.54-64

Publication Date: 1995 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

U.S. Copyright Clearance Center Code: 0 8194 1764 5/95/\$6.00

Conference Title: Multimedia Computing and Networking 1995

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol

Conference Date: 6-8 Feb. 1995 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: Multimedia research has mainly focused on **real - time** data capture and **display combined** with compression, storage and transmission of these data. However, there is another problem considering **real - time** selection and arrangement of a possibly large amount of data from multiple media on the computer screen together with **textual** and **graphical** data of regular software. This problem is already been known from complex software systems, such as CASE and hypertext, and is even aggravated in multimedia systems. The aim of our work is to relieve the user from the burden of continuously selecting, placing and sizing windows and their contents, but without introducing solutions limited to only a few applications. We present an experimental system which controls the computer screen contents and layouts, directed by a user and/or tool provided information filter and prioritization. To be application independent, the screen layout is based on general layout optimization algorithms adapted from the VLSI layout which are controlled by application specific objective functions. We discuss the problems of a comprehensible screen layout including the stability of optical information in time, information filtering, layout algorithms and the adaptation of the objective function to include a specific application. We give some examples of different standard applications with layout problems ranging from hierarchical graph layout to window layout. The results show that the automatic tool independent display layout is possible in a **real time** interactive environment. (19 Refs)

Subfile: C

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21/7/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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4711475 INSPEC Abstract Number: C9408-7420-064

**Title: Multimedia data management for process control**

Author(s): Benson, D.; Hsu, A.; Noll, G.; Rony, K.; Lamballais, D.

Author Affiliation: Siemens Corp. Res. Inc., Princeton, NJ, USA

p.332-41

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1994 Country of Publication: USA xii+571 pp.

ISBN: 0 8186 5530 5

U.S. Copyright Clearance Center Code: 0 8186 5530 5/94/\$3.00

Conference Title: Proceedings of IEEE International Conference on Multimedia Computing and Systems

Conference Sponsor: IEEE Comput. Soc. Task Force on Multimedia Comput

Conference Date: 15-19 May 1994 Conference Location: Boston, MA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: Future process control systems will incorporate multimedia information, bringing a sense of visual reality into the control room and providing more effective communication using a richer vocabulary of media. We outline several new advanced techniques of ongoing research for organizing, managing, browsing, and filtering integrated process control data to support the needs of next-generation applications in the area of process control. We propose a layered multimedia process control data model with the goal of providing a coherent and seamless **integration** of multiple **views** on process objects. Direct data access is achieved through semi-automated hyperlinking of **graphical** and **textual** data sources. Automatic pre-fetching and retrieval of pertinent data is based on knowledge of the process, the current task-at-hand, and anticipated information needs. And advanced visual communication capabilities with **dynamic** image annotation bring more effective communication to the process control system. (14 Refs)

Subfile: C

21/7/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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03163085 INSPEC Abstract Number: C88041242

**Title: Windows for workstations: a menu for multitasking**

Author(s): Alexander, T.; Steiner, A.; Stone, J.

Author Affiliation: Washington Univ., Seattle, WA, USA

Journal: ESD: The Electronic System Design Magazine vol.18, no.3 p. 74-6, 78, 80

Publication Date: March 1988 Country of Publication: USA

CODEN: EESMEY ISSN: 0147-9245

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: The overlapping window concept permits the **simultaneous display** of different, unrelated documents or drawings on the same screen. Windows can be superimposed, partially or completely obscuring those beneath them. The display managers permit a wide variety of operations on the windows. Each window can be separately moved, resized, hidden, deleted, and placed on top of others. Contents, whether **text** or **graphics**, can be **scrolled**, panned, and zoomed. For image processing, window-oriented interfaces present special advantages. Displayed in their entirety, images can consume large areas of the screen. However, when placed in overlapping windows, a larger number of images can be viewed; and in separate windows, different images can be independently zoomed, panned, and processed. In response to these requirements, IMAGE systems has developed a PC-based imaging system called IWindows. A multitasking window manager and **real-time** operating system, IWindows is designed to run on Texas Instruments' TMS-34010 processor with a PC/AT host. (0 Refs)

Subfile: C

21/7/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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02842528 INSPEC Abstract Number: B87017199, C87016744

**Title: A VLSI chip set for an integrated text and graphics video subsystem**

Author(s): Blake, W.; English, P.; Forrester, N.; Furlong, T.C.; Rose, R.C.; Watson, R.B., Jr.

Author Affiliation: Digital Equipment Corp., Hudson, MA, USA

Conference Title: 1986 IEEE International Solid-State Circuits Conference. Digest of Technical Papers (Cat. No.86CH2263-2) p.126-7, 323-4

Editor(s): Winner, L.

Publisher: Lewis Winner, Coral Gables, FL, USA

Publication Date: 1986 Country of Publication: USA 404 pp.

U.S. Copyright Clearance Center Code: 0193-6530/86/0000-0126\$01.00

Conference Sponsor: IEEE; Univ. Pennsylvania

Conference Date: 19-21 Feb. 1986 Conference Location: Anaheim, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: An integrated **text**, and **graphics** bit-mapped two-dimensional display system is described that is optimized for fast writing in the **display** memory, while **concurrently** smooth **scrolling** and clipping to arbitrarily-sized rectangular windows. Hardware support is also provided for scaled and rotated raster operations, polygon fill with stipple patterns, and two-dimensional linear patterns. Multichip implementation was chosen to provide parallelism in multiplane data path operations. The control chip in this implementation is the microsequencer for the overall system; this chip includes the microprocessor interface, scan timing and address sequence generation for raster operations. A separate data chip driving each memory plane allows parallel bit-map data manipulations. (0 Refs)

Subfile: B C

21/7/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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02428667 INSPEC Abstract Number: B85026415, C85019668

**Title: Advanced CRT controller for graphic display**

Author(s): Katsura, K.; Maejima, H.; Minorikawa, K.

Author Affiliation: Hitachi Res. Lab., Hitachi Ltd., Ibaraki, Japan

Journal: Hitachi Review vol.33, no.5 p.247-50

Publication Date: Oct. 1984 Country of Publication: Japan

CODEN: HITAAQ ISSN: 0018-277X

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); New Developments (N); Practical (P)

Abstract: High performance graphic displays are required in many microprocessor based systems, such as personal computers, **word** processors, **graphic** terminals, and work stations. A VLSI, designated as ACRTC, has been developed as a key device for higher performance and lower cost. The advanced VLSI chip **integrates** many **display** functions, including split screen, window, and smooth **scrolling**. Furthermore, it has high level graphic drawing functions, including line, circle, ellipse, paint, and copy by using a high level graphic language based on an X-Y coordinate system. A high speed drawing of 500 ns/pixel has been achieved in a line drawing. A multiprocessor structure is adopted, and the VLSI uses three processor modules. (2 Refs)

Subfile: B C

21/7/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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02372176 INSPEC Abstract Number: C85007456

**Title: Multiple micros distribute text and graphics functions (technical publishing)**

Author(s): Wulff, R.S.M.

Author Affiliation: Qubix Graphics Syst., San Jose, CA, USA

Journal: Computer Design vol.23, no.12 p.141-7

Publication Date: 15 Oct. 1984 Country of Publication: USA

CODEN: CMPDAM ISSN: 0010-4566

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: Computerised technical publishing presents special problems for system designers because there are many kinds of users with different needs-authors, editors, layout artists, illustrators, drafters and production managers. Editors, for example, must be able to see the interrelationship of art and text, and illustrators and artists must be able to easily create and modify art. A **graphics text** system to satisfy the needs of these users requires an easy-to-use interface which is 'transparent' to the complex operations being performed. This interface must also have the same 'feel' as manual methods of illustration, page layout and typography. One way to accomplish this is to use a multiprocessor architecture which combines an interactive graphics processor to support the user interface, a special purpose graphics processor to handle **realtime** zooming, scanning and **scrolling**, and **text** and **graphics** which are integrated into the same data base. In a single integrated system developed by Qubix, the graphics editing and manipulation capabilities of a computer aided design system are combined with word processing functions, text editing, pagination and composition. With a large landscape **display incorporating** 2240\*1680 **viewable** elements, the system can generate type fonts in a wide range of styles and sizes. To drive the display, the company has designed a proprietary video board which operates much like a stored logic computer. (0 Refs)

Subfile: C

21/7/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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01949715 INSPEC Abstract Number: C82044279

**Title: Add a text window to GRAPHICS 0 (Atari)**

Author(s): Brannon, C.

Journal: Compute. Journal for Progressive Computing vol.4, no.6 p. 115

Publication Date: June 1982 Country of Publication: USA

CODEN: COMPER ISSN: 0194-357X

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The text window can be a useful feature in the graphics modes, enabling a **simultaneous text and graphics display**. The **text** window is very similar to a miniature **GRAPHICS 0 text** screen: all the editor functions are supported, and **scrolling** and screen clearing are confined to the small four-line window. The same capability would be useful for a **GRAPHICS 0 display**. For example, a menu, a list of choices, could be presented in the top twenty or so lines of the screen, and the user's input taken in the lower four lines of the text window. Any errors, such as the user typing editor keys in an INPUT statement, would not interfere with the rest of the screen. Conveniently, any **scrolling** would not cause the menu above it to **scroll** as well. (0 Refs)

Subfile: C

21/7/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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01737711 INSPEC Abstract Number: B81042697, C81029594



**Title: Shear control for scrolling displays**

Author(s): Gatrell, M.; Youmans, D.M.; Young, J.E.R.

Author Affiliation: IBM Corp., Armonk, NY, USA

Journal: IBM Technical Disclosure Bulletin vol.23, no.10 p.4737-8

Publication Date: March 1981 Country of Publication: USA

CODEN: IBMTAA ISSN: 0018-8689

Language: English Document Type: Journal Paper (JP)

**Abstract:** **Scrolling** of **images** or blocks of **text** across a CRT **display** screen **incorporating** a medium-to-long persistence phosphor leaves a trail or smear of after-image which is annoying to the operator and hinders the reading of the displayed information. The problem is alleviated by providing the screen with a low intensity background illumination automatically invoked during the **scrolling** operation. (0 Refs)

Subfile: B C

21/7/11 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1921549 NTIS Accession Number: PB96-115969

Real - Time **Environmental Applications and Display System (READY):**

**User's Guide**

(Technical memo)

Rolph, G. D. ; Draxler, R. R. ; McQueen, J. T.

National Oceanic and Atmospheric Administration, Silver Spring, MD. Air Resources Lab.

Corp. Source Codes: 031059024

Report No.: NOAA-TM-ERL-ARL-210

Oct 95 96p

Languages: English

Journal Announcement: GRAI9603

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

Country of Publication: United States

A user-friendly system of menus has been developed for accessing and displaying meteorological data and dispersion model products on the National Oceanic and Atmospheric Administration's Air Resources Laboratory (ARL) computer system. These menus bring **together** dispersion models, **graphical** **display** programs and **textual** forecast programs generated over many years at ARL into a form that is easy to use by atmospheric scientists. Access is made through an Internet connection, and X-windows software is needed to display the graphics. Descriptions of the menus and detailed instructions on the programs are given.

21/7/12 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

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1725700 NTIS Accession Number: AD-A262 782/6

**SPREE Interactive Data Analysis Tool (SIDAT)**

Roth, C. J. ; Bonito, N. A.

Radex, Inc., Bedford, MA.

Corp. Source Codes: 094776000; 420385

Report No.: RXR-92101

30 Oct 92 34p

Languages: English

Journal Announcement: GRAI9314

Original contains color plates: All DTIC and NTIS reproductions will be in black and white.

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Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Country of Publication: United States

Contract No.: S321; 85

The SPREE Interactive Data Analysis Tool (SIDAT) is a collection of user-friendly display processes for performing **real - time** and postflight analysis of data from the Shuttle Potential and Return Electron Experiment (SPREE). SPREE was used to study the effects of a potential being induced between a tethered satellite and the Shuttle by the motion of the conductive tether across the Earth's magnetic field lines. Full-color raster **graphics** and **text** displays were used for the data presentation, utilizing the X11 and XView X Window System libraries. The SIDAT data display processes allowed the SPREE data and other related data to be viewed in a variety of formats **simultaneously**. During flight, SIDAT **displayed** the current or previously captured **real - time** SPREE telemetry data. SIDAT postflight operations allow the user to perform rapid data survey for analysis. The user specified the times for data survey, displaying either the captured **real - time** SPREE telemetry data or the SPREE data archived by the Flight Data Recorders.... Tethered satellite, SPREE, **Real - time** data acquisition, X-Windows graphics, Interprocess communication, Data survey, **Real - time** data analysis, Postflight data.

21/7/13 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1557619 NTIS Accession Number: N91-12677/1

**Diverter Decision Aiding for in-Flight Diversions**

(Final Report)

Rudolph, F. M. ; Homoki, D. A. ; Sexton, G. A.

Lockheed Aeronautical Systems Co., Marietta, GA.

Corp. Source Codes: 075686000; LZ753299

Sponsor: National Aeronautics and Space Administration, Washington, DC.

Report No.: NAS 1.26:182070; LG90ER0040; NASA-CR-182070

Aug 90 323p

Languages: English

Journal Announcement: GRAI9108; STAR2904

Original Contains Color Illustrations.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A14/MF A02

Country of Publication: United States

Contract No.: NAS1-18029

It was determined that artificial intelligence technology can provide pilots with the help they need in making the complex decisions concerning en route changes in a flight plan. A diverter system should have the capability to take all of the available information and produce a recommendation to the pilot. Phase three illustrated that using Joshua to develop rules for an expert system and a Statice database provided additional flexibility by permitting the development of **dynamic** weighting of diversion relevant parameters. This increases the fidelity of the AI functions cited as useful in aiding the pilot to perform situational assessment, navigation rerouting, flight planning/replanning, and maneuver execution. Additionally, a prototype pilot-vehicle interface (PVI) was designed providing for the integration of both **text** and **graphical** based information. Advanced technologies were applied to PVI design, resulting in a hierarchical menu based architecture to increase the efficiency of information transfer while reducing expected workload. Additional efficiency was gained by **integrating** spatial and text **displays** into an **integrated** user interface.

21/7/14 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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1165363 NTIS Accession Number: AD-A150 692/2

**Economy of Romania: How it Compares to Other Centrally-Planned Economies in Eastern Europe**

(Master's thesis)

Charney, G. M.

Naval Postgraduate School, Monterey, CA.

Corp. Source Codes: 019895000; 251450

Jun 84 184p

Languages: English Document Type: Thesis

Journal Announcement: GRAI8511

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A09/MF A01

Country of Publication: United States

This thesis is an examination of the Romanian economy. It begins with a basic description of socialist economies, outlining characteristics and procedures common to many socialist economies. For purpose of comparison, the next section cites recent economic information of Eastern European socialist countries other than Romania. The section on Romania compares its economy to the socialist model; describes its formal structure, composition, and distribution; and identifies trade relations. It traces the development of the economy through the seven five-year plans from 1951-1985. It then highlights economic events that reflect dissent in Romania and economic reform programs. Useful definitions, tabular examples of Romanian trade, graphic displays of economic features, and the text of the 1975 Helsinki Agreement which galvanized East European dissent movements are included in the appendices.

21/7/15 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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03477714 E.I. Monthly No: EI9209121238

**Title: Environmental display manager: a tool for water quality data integration.**

Author: Samuels, William, B.; Taylor, Phillip, L.; Evenhouse, Paul, B.; Bondelid, Timothy, R.; Eggers, Paul, C.; Hanson, Sue, A.

Corporate Source: Science Applications Intl Corp, McLean, VA, USA

Source: Water Resources Bulletin v 27 n 6 Nov-Dec 1991 p 939-956

Publication Year: 1991

CODEN: WARBAQ ISSN: 0043-1370

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications)

Journal Announcement: 9209

**Abstract:** The Environmental Display Manager, EDM, is a development system on an IBM 3090 mainframe at the U.S. EPA National Computer Center in Research Triangle Park, North Carolina. EDM provides mapping, display, analysis support, and information management capabilities to workstations located across the United States, and connected to EPA through federal, state, academic, and private communications networks. Through interactive software, EDM can quickly support analyses, create maps and graphics, and generate reports that integrate millions of pieces of environmental data. The concept of EDM is to provide easy access to environmental information, to provide automated environmental analyses and reports, and then to provide data, graphics, images, text, and documents that can be used by numerous output devices, software packages, and computers. The mapping component works with an electronic version of the 54,000 7.5 minute quad sheets of the U.S. Geological Survey. The software also works with a hydrographic data base of the surface waters of the United States. With the maps, a user can look at the rivers in any state, can zoom in on a small pond, and can overlay and identify particular features such as industrial waste dischargers and factories. The hydrography allows routing for modeling programs, identification of upstream and downstream components, and linkage of environmental features associated with surface waters.

Alternatively, users can query data based on latitude/longitude, city name, EPA permit number, state agency and station code, river name or number, and river cataloging unit. The maps can be overlaid with roads and environmental sites such as: municipal and industrial dischargers, Superfund sites, public drinking water supplies, water quality monitoring stations, **stream** gages, and city locations. Retrievals from related systems can be performed for selected sites creating graphics showing water quality trends, discharge monitoring reports, and permit discharge limits. (Author abstract) 11 Refs.

21/7/16 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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03367669 E.I. Monthly No: EIM9201-002669

**Title: Temporal adaptation of multimedia scripts.**

Author: Robin, Laura

Corporate Source: Capitol Video, Washington, DC, USA

Conference Title: Image Handling and Reproduction Systems Integration

Conference Location: San Jose, CA, USA Conference Date: 19910226

Sponsor: SPIE - Int Soc for Opt Engineering, Bellingham, WA, USA; IS&T - Soc for Imaging Science & Technology

E.I. Conference No.: 15293

Source: Proceedings of SPIE - The International Society for Optical Engineering v 1460. Publ by Int Soc for Optical Engineering, Bellingham, WA, USA. p 103-113

Publication Year: 1991

CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-0559-0

Language: English

Document Type: PA; (Conference Paper) Treatment: A; (Applications)

Journal Announcement: 9201

**Abstract:** Hypermedia systems structure large quantities of multimedia information into webs of associated concepts. Users can selectively explore these concepts, limiting the quantity of information viewed to suit their personal goals for using the system. But the flexibility of navigational freedom creates a problem for hypermedia designers - that of **incorporating** mandatorily **viewable** information into the web. One frequently used solution is to script information illustrating multiple levels of detail into a single non-interruptable presentation to be associated with a single node of the web. This technique affords the designer control over what the user sees, yet does so at the expense of the user's control over time spent with the system. This paper addresses the need for adaptivity at the presentation-level in hypermedia systems. A two-component system is described for the authoring and temporal adaptation of multimedia scripts used in hypermedia applications. With the authoring component, a user (taking on the role of hypermedia designer) can design multimedia presentations using **text**, still **images**, sound, animation and video objects. Using graphic interfaces, the user can format these objects in space and time, modify their media-specific attributes, and semantically delineate these objects as pertaining to specific levels of detail. This delineation creates hierarchical structures which can then be selectively parsed by the system to create variations on the original presentation. The user can save all formatting and chunking decisions in a script, creating a persistent record of the presentation. These scripts can then be associated with the nodes of a hypermedia system, so that when a hypermedia user invokes a node, some version of the scripted presentation is played back. The hypermedia component is responsible for determining version content of a presentation. Based on user-imposed constraints (hypermedia users can **dynamically** input how much time they wish to spend with the system, as well as interest levels associated with represented concepts), the system can adjust the amount of detail shown in a given presentation, thus contracting or expanding the presentation over time. 17 Refs.

21/7/17 (Item 3 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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03036952 E.I. Monthly No: EIM9103-010868

**Title: Implementation of a high-resolution workstation for primary diagnosis of projection radiography images.**

Author: Good, Walter F.; Herron, John M.; Maitz, Glenn S.; Gur, David; Miller, Stephen L.; Straub, William H.; Fuhrman, Carl R.

Corporate Source: Univ of Pittsburgh, Pittsburgh, PA, USA

Conference Title: Medical Imaging IV: PACS System Design and Evaluation

Conference Location: Newport Beach, CA, USA Conference Date: 19900206

Sponsor: SPIE; American Assoc of Physicists in Medicine; American Coll of Radiology; FDA, Cent for Devices & Radiological Health; Natl Electrical Manufacturers Assoc, Diagnostic Imaging & Therapy Systems

E.I. Conference No.: 13852

Source: Proceedings of SPIE - The International Society for Optical Engineering v 1234 pt 1. Publ by Int Soc for Optical Engineering, Bellingham, WA, USA. p 105-110

Publication Year: 1990

CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-0278-8

Language: English

Document Type: PA; (Conference Paper) Treatment: A; (Applications); G; (General Review); X; (Experimental)

Journal Announcement: 9103

**Abstract:** We designed and implemented a high-resolution video workstation as the central hardware component in a comprehensive multi-project program comparing the use of digital and film modalities. The workstation utilizes a 1.8 GByte **real - time** disk (RCI) capable of storing 400 full-resolution images and two Tektronix (GMA251) display controllers with 19" monitors (GMA202). The display is configured in a portrait format with a resolution of 1536 multiplied by 2048 multiplied by 8 bit, and operates at 75 Hz in a non-interlaced mode. Transmission of data through a 12 to 8 bit lookup table into the display controllers occurs at 20 MBytes/second (.35 seconds per image). The workstation allows easy use of brightness (level) and contrast (window) to be manipulated with a trackball, and various processing options can be selected using push buttons. Display of any of the 400 images is also performed at 20MBytes/sec (.35 sec/ **image** ). A separate **text** display provides for the automatic display of patient history data and for a scoring form through which readers can interact with the system by means of a computer mouse. In addition, the workstation provides for the randomization of cases and for the immediate entry of diagnostic responses into a master database. Over the past year this workstation has been used for over 10,000 readings in diagnostic studies related to 1) image resolution; 2) film vs. soft **display** ; 3) **incorporation** of patient history data into the reading process; and 4) usefulness of image processing. (Author abstract)

21/7/18 (Item 4 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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02723198 E.I. Monthly No: EI8903019555

**Title: 40 m pixel/s bit boundary block transfer graphics processor.**

Author: Tanaka, Shigeru; Kai, Naoyuki; Miyazawa, Yuichi; Nagamatsu, Masato; Asahi, Yoshinori; Sumi, Masahiko

Corporate Source: Toshiba Semiconductor Device Engineering Lab, Kawasaki, Jpn

Conference Title: 1988 IEEE International Solid-State Circuits Conference - Digest of Technical Papers (31st ISSCC). First Edition.

Conference Location: San Francisco, CA, USA Conference Date: 19880217

Sponsor: IEEE, Solid-State Circuits Council, New York, NY, USA; IEEE, San Francisco Section, Bay Area Council, San Francisco, NY, USA; Univ of Pennsylvania, PA, USA

E.I. Conference No.: 11868

Source: Digest of Technical Papers - IEEE International Solid-State Circuits Conference. Publ by Lewis Winner, Coral Gables, FL, USA.. Available from IEEE Service Cent (cat n 88CH2562-7) Piscataway, NJ, USA. p 160-161, 346

Publication Year: 1988

CODEN: DTPCDE

Language: English

Document Type: PA; (Conference Paper) Treatment: A; (Applications)

Journal Announcement: 8903

Abstract: An 0.8-  $\mu$ m CMOS VLSI chip with 368k transistor sites, for a **text** and **graphics** bit-mapped two-dimensional display system, is described. The key feature of the chip is a ultrahigh-speed bit boundary block transfer capability, which is up to ten times faster than that of existing graphics LSI systems. Consequently, high-speed expansion of character string codes on the bit-mapped memory, high-speed smooth **scrolling** and multiwindows can be realized. The standard-cell-based semiautomatic design approach that was used is described. An example of a graphics system using the bit-map control processor chip is presented.

21/7/19 (Item 5 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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01793076 E.I. Monthly No: EI8509079106 E.I. Yearly No: EI85057911

Title: **VLSI VIDEO-DISPLAY CONTROLLER SIMPLIFIES VIDEO-SYSTEM DESIGN.**

Author: Damouny, Nabil G.

Corporate Source: Signetics Corp, Linear LSI Div, Sunnyvale, CA, USA

Source: EDN v 30 n 12 May 30 1985 p 193-200

Publication Year: 1985

CODEN: EDNSBH ISSN: 0012-7515

Language: ENGLISH

Document Type: JA; (Journal Article) Treatment: X; (Experimental)

Journal Announcement: 8509

Abstract: One can **simultaneously display** a picture derived from a video disk with a page of **text** or computer **graphics** by implementing some simple interface circuitry with the Advanced Peripheral Display Controller (APDC), a table-driven, character-oriented, VLSI IC. The result is a **text-in-picture** or **picture-in-text** display. In such an application, transmission codes, character and attribute information, and DRCS ( **dynamically** redefinable character set) characters are all downloaded through the RS-232C ports. To display a page of **text** and **graphics** generated by the APDC with a picture derived from a video disk, one must synchronize both video sources by using the SAA5230 video processor's phase-locked slave mode, in which the SAA5230's internal phase-locked voltage-controlled oscillator (VCO) generates a 6-MHz display clock.

21/7/20 (Item 6 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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00399139 E.I. Monthly No: EI7410061573

Title: **TECHNIQUE FOR CORRECTING TRANSMISSION ERRORS IN DELTA MODULATION CHANNELS.**

Author: Ali, M. Z.; Paz, I.; Scheinberg, N. R.; Schilling, D. L.

Corporate Source: City Coll of The City Univ of NY, New York

Source: IEEE Int Conf on Commun, Conf Rec, Minneapolis, Minn, Jun 17-19 1974 Pap 44F, 6 p. Publ by IEEE, Vol 10 (74 CHO 859-9 CSCB), New York, 1974

Publication Year: 1974

Language: ENGLISH

Journal Announcement: 7410

Abstract: Adaptive Delta Modulation (ADM) systems are finding wide application in source encoding of voice and video signals. The main difficulty in using the ADM in video application is that transmission errors in ADM channels affect the video signal at the receiver by causing permanent shifts in its dc levels. These level shifts inflict serious damage to the quality of the received picture by producing bright (or dark) horizontal streaks across it. A technique for overcoming the above difficulty is proposed whereby the encoder periodically sends information about the signal level to the receiver via a PCM word. The accuracy of this updating information can be varied by varying the PCM **word** length. Thus a

trade-off between picture quality and bandwidth results. In the receiver the PCM word is used to reset the delta-modulator thereby correcting any level shifts caused by channel errors. Pictures showing the improvement obtained by using the technique are shown . 6 refs.

21/7/21 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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04956444 Genuine Article#: UV315 Number of References: 119  
Title: GLOBAL PRECEDENCE, SPATIAL-FREQUENCY CHANNELS, AND THE STATISTICS OF NATURAL IMAGES  
Author(s): HUGHES HC; NOZAWA G; KITTERLE F  
Corporate Source: DARTMOUTH COLL,DEPT PSYCHOL/HANOVER//NH/03755; STEPHEN F AUSTIN STATE UNIV/NAGOGDOCHES//TX/00000  
Journal: JOURNAL OF COGNITIVE NEUROSCIENCE, 1996, V8, N3 (MAY), P197-230  
ISSN: 0898-929X

Language: ENGLISH Document Type: REVIEW

Abstract: A great deal of evidence suggests that early in processing, retinal images are filtered by parallel, spatial frequency selective channels. We attempt to incorporate this view of early vision with the principle of global precedence, which holds that Gestalt-like processes sensitive to global image configurations tend to dominate local feature processing in human pattern perception. Global precedence is inferred from the pattern of reaction times observed when visual patterns contain multiple cues at different levels of spatial scale. Specifically, it is frequently observed that global processing times are largely unaffected by conflicting local cues, but local processing times are substantially lengthened by conflicting global cues. The asymmetry of these effects suggests the dominant role of global configurations. Since global spatial information is effectively represented by low spatial frequencies, global precedence potentially implies a low frequency dominance. The thesis is that low spatial frequencies tend to be available before information carried by higher frequency bands, producing a coarse-to-fine temporal order in visual spatial perception. It is suggested that a variety of factors contribute to the 'prior entry' of low frequency information, including the high contrast gain of the magnocellular pathway the amplitude spectra typical of natural images, and inhibitory interactions between the parallel frequency-tuned channels. Evidence suggesting a close relationship between global precedence and spatial frequency channels is provided by observations that the essential features of the global precedence effect are obtained using patterns consisting of low and high frequency sinusoids. The hypothesis that these asymmetric interference effects are due to interactions between parallel spatial channels is supported by an analysis of reaction times (RTs), which shows that RTs to redundant low and high frequency cues produce less facilitation than predictions that assume the channels are independent. In view of previous work showing that global precedence depends upon the low frequency content of the stimuli, we suggest that low spatial frequencies represent the sine qua non for the dominance of configurational cues in human pattern perception, and that this configurational dominance reflects the microgenesis of visual pattern perception. This general view of the temporal dynamics of visual pattern recognition is discussed, is considered from an evolutionary perspective, and is related to certain statistical regularities in natural scenes. Potential adaptive advantages of an interactive parallel architecture that confers an initial processing advantage to low resolution information are explored.

21/7/22 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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04870944 Genuine Article#: UN400 Number of References: 15  
Title: A KNOWLEDGE-BASED THERMAL PROFILE IDENTIFICATION ADVISER FOR

# **SURFACE-MOUNT PCB ASSEMBLY**

Author(s): WU CH; SRIHARI K; MCLENAGHAN AJ

Corporate Source: SUNY BINGHAMTON, TJ WATSON SCH ENGN & APPL SCI, DEPT SYST SCI & IND ENGN/BINGHAMTON//NY/13902; SUNY BINGHAMTON, TJ WATSON SCH ENGN & APPL SCI, DEPT SYST SCI & IND ENGN/BINGHAMTON//NY/13902; UNIVERSAL INSTRUMENTS CORP, SURFACE MT LAB/BINGHAMTON//NY/00000

Journal: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, 1996, V11, N5, P343-352

ISSN: 0268-3768

Language: ENGLISH Document Type: ARTICLE

Abstract: Reflow soldering of solder paste is a critical process in the surface mount assembly of printed circuit boards (PCBs). Infrared (IR) radiation and/or forced convection are often used in an oven to heat the PCB assembly and the deposited solder paste to cause the solder to reflow and subsequently form the interconnection between the component terminations and the attachment pads. Control of the reflow soldering process requires the understanding and regulation of several complex variables. Understanding the interrelationships among process control parameters is important in achieving a low defect rate and high yields in reflow soldering. When a variety of components are soldered onto a printed circuit board (PCB) simultaneously in an IR/convection oven through reflow soldering, the process control variables that need to be considered include the characteristics of solder paste used, the size, type, and quantity of components placed on the PCB, the substrate used, the mass and the thermal area of the workpiece, and the conveyor speed.

A prerequisite for the achievement of high process yields in the reflow soldering process is the identification of the optimal temperature profile and the range between which the profile is acceptable for the specific assembly. This information is subsequently used by the process engineer to arrive at the relevant temperature of power (wattage) settings for the oven. The in-depth process knowledge required to study the process variables and deduce thermal profiles is not commonly available. Consequently, the objective of this research was to use an expert system approach to help a manufacturing engineer with thermal profile identification in surface mount PCB assembly.

The system developed considers the major process control parameters and the interrelationships among them to deduce the optimal temperature profile and a range in which the profile is considered 'acceptable'. The profile identification expert system was developed using PROLOG on a personal computer. Results are **displayed** using a **combination** of **graphical** and **textual** output. The system was designed to function in a stand-alone capacity. The profile identification expert system's architecture integrates an inference mechanism with the knowledge (facts and rules) provided by the domain expert. It allows the user to update or delete the facts and rules stored in the knowledge base. Consequently, it provides an avenue to enhance the capacity of the system to incorporate domain specific changes.

21/7/23 (Item 3 from file: 34)

DIALOG(R) File 34:SciSearch(R) Cited Ref Sci

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02613309 Genuine Article#: LQ241 Number of References: 54

Title: DEPTH IN ANTICORRELATED STEREOGRAMS - EFFECTS OF SPATIAL DENSITY AND INTEROCULAR DELAY

Author(s): COGAN AI; LOMAKIN AJ; ROSSI AF

Corporate Source: SMITH KETTLEWELL EYE RES INST, 2232 WEBSTER ST/SAN FRANCISCO//CA/00000

Journal: VISION RESEARCH, 1993, V33, N14 (SEP), P1959-1975

ISSN: 0042-6989

Language: ENGLISH Document Type: ARTICLE

Abstract: Disparity-based depth is not perceived in densely textured, anticorrelated random-dot stereograms (RDSs) whose elements carry opposite signs of brightness contrast on corresponding loci, as extant data show. We observed global depth in anticorrelated RDSs flashed



repetitively with an interocular delay. During the delay time, a dot array in one eye was paired with a gray frame in the other eye and thus could interact with the negative afterimage of the contralateral dot array. A correlated RDS (e.g. 8 min arc dots, 50% density, 15-msec flash duration) lost depth with delays > 45 msec. An anticorrelated RDS, that was otherwise identical, showed robust depth when flashed with an interocular delay of some 60 msec. A delay was not always necessary to produce depth. At low dot density (1-2%), anticorrelated RDSs showed disparity-dependent local depth even when **displayed** continuously, or flashed **simultaneously**; as dot density alone was increased, depth was progressively lost. To make global depth visible in a dense RDS flashed with an interocular delay, the internal response had to be strongly biphasic. Our results support the generally held notion that cyclopean depth signals emerge exclusively from same-sign binocular cortical filters. However, the exclusionary rule may be invalid with respect to the processing of coarse local depth with figural stimuli. Relative depth between a pair of small dots was easily perceived when one of the dots was in opposite contrast, but the depth threshold was then about 0.5 log unit higher than with the same-contrast pair of dots indicating that the internal effects of contrast have not all lost their sign prior to binocular disparity processing. It remains to be determined whether depth can be perceived from edges of opposite contrast.

21/7/24 (Item 4 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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02340946 Genuine Article#: KV362 Number of References: 43

Title: SPATIAL HETEROGENEITY AND THE POPULATION- DYNAMICS OF A HOST  
PARASITOID SYSTEM

Author(s): JONES TH; HASSELL MP; PACALA SW

Corporate Source: UNIV LONDON IMPERIAL COLL SCI & TECHNOL,DEPT BIOL,SILWOOD  
PK/ASCOT SL5 7PY/BERKS/ENGLAND/; UNIV LONDON IMPERIAL COLL SCI &  
TECHNOL,DEPT BIOL,SILWOOD PK/ASCOT SL5 7PY/BERKS/ENGLAND/; UNIV  
CONNECTICUT,DEPT ECOL & EVOLUT BIOL/STORRS//CT/06268; UNIV LONDON  
IMPERIAL COLL SCI & TECHNOL,NERC,CTR POPULAT BIOL/ASCOT SL5  
7PY/BERKS/ENGLAND/

Journal: JOURNAL OF ANIMAL ECOLOGY, 1993, V62, N2, P251-262

ISSN: 0021-8790

Language: ENGLISH Document Type: ARTICLE

Abstract: 1. The cabbage root fly, *Delia radicum*, at Silwood Park is attacked by both generalist and specialist natural enemies. This paper uses spatial and temporal census data to examine the relative contributions of these natural enemies to the population **dynamics** of *D. radicum*.

2. Data on the distributions and mortalities of *D. radicum* on 40 swede plants in nine consecutive years have been analysed. Using a maximum likelihood technique, the parameters (together with their support limits) have been estimated from these data for a model of an insect host-generalist-specialist interaction.

3. Three particular cases of the model are analysed: (i) only the generalist, *Aleochara bilineata*, is present; (ii) only the specialist, *Trybliographa rapae*, is present; and (iii) both species of natural enemy are present.

4. The study points to an interesting interplay between the different natural enemy species. (i) *T. rapae* can promote stability by virtue of its spatial response to host density, but only within a very narrow range of values of the host's rate of increase. (ii) *A. bilineata* acts as a simple, between-generation density-dependent factor and thus, in a straightforward way, tends to regulate the host population. (iii) When the two enemies act **together** a further property **appears**, provided that the survivorship of *T. rapae* is sufficiently high; the interplay of the two natural enemies can now

lead to alternative, three-species stable states.

21/7/25 (Item 1 from file: 35)

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01486786 ORDER NO: AADAA-I9616583

**SPECIFYING TEMPORAL BEHAVIOR IN INTERACTIVE MULTIMEDIA DOCUMENTS**

Author: BUCHANAN, MARIA CECELIA

Degree: PH.D.

Year: 1995

Corporate Source/Institution: UNIVERSITY OF WASHINGTON (0250)

Chair: JOHN ZAHORJAN

Source: VOLUME 57/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1194. 281 PAGES

Multimedia documents may contain a rich mixture of static media, such as **text** and **images**, and **dynamic** media, such as audio and video. The presence of **dynamic** media introduces time as an axis along which information can be presented. Thus, multimedia documents require both a spatial layout, which specifies where media should appear, and a temporal layout, which indicates when events in the document should occur.

In this dissertation, I argue that document creation and maintenance can be simplified by providing mechanisms for automatically producing temporal layouts. The approach that I describe is analogous to using document formatters, such as T $\backslash$ sb {\rm E}\$X or Microsoft Word, to automatically produce spatial layouts for traditional documents.

I begin by presenting a new temporal specification model, based on events and temporal constraints. Events mark either predictable points in time, such as the start of a lion's roar in an audio recording, or unpredictable points in time, such as when a user presses the help button. Temporal constraints specify the temporal ordering of pairs of events, such as specifying that the lion's roar should occur **simultaneously** with the **appearance** of a lion in a video.

I also introduce a two-phase temporal formatter that consists of a compiletime component called the scheduler and a runtime component called the runtime system. The scheduler uses a constraint satisfaction algorithm, based on linear programming, to position media in time so as to conform to the temporal constraints specified by the author. It produces a partial temporal layout in which the predictable portions have definite times and the unpredictable portions have event-relative times. Conceptually, the scheduler is similar to T $\backslash$ sb {\rm E}\$X's spatial layout algorithm because it permits time to be stretched or shrunk within media segments. The runtime system completes a document's temporal layout by merging the predictable and unpredictable portions together in response to the occurrence of unpredictable events.

I also present a framework for understanding automatic temporal formatters and exploring the issues surrounding them. This framework incorporates the preceding temporal formatter's strength in handling predictable and unpredictable temporal behavior, and its ability to attempt to correct temporal mismatches before a document is presented. It can also describe the presentation of multimedia documents in heterogeneous environments, as well as the adjustment of a document's temporal layout to account for media delays. The result is the definition of a more powerful and more comprehensive class of temporal formatters.

21/7/26 (Item 2 from file: 35)

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01450088 ORDER NO: AADAA-I9542757

**THE SUNDAY CHRIST: SABBATARIANISM IN ENGLISH MEDIEVAL WALL PAINTING (MURALS)**

Author: REISS, PALLAS ATHENE

Degree: PH.D.

Year: 1995

Corporate Source/Institution: THE UNIVERSITY OF CHICAGO (0330)  
Adviser: MICHAEL CAMILLE  
Source: VOLUME 56/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2913. 534 PAGES

Medieval wall paintings are habitually described, drawing on Pope Gregory the Great's dictum, as books for the unlettered. While there has been much theoretical debate about whether and how images can function as texts for nonreaders, there has been little analysis of specific images, and none at all of how wall painting as a medium taught its medieval audience. This dissertation examines a particular wall painting subject, the Sunday Christ, in detail, and demonstrates that it functioned as a picture with distinctive visual characteristics for both lettered and unlettered medievals rather than as a substitute book.

The Sunday Christ appears on the nave walls of a dozen English parish churches. It consists of an **image** of Christ surrounded by the tools of various **trades**. This configuration of apparently unrelated visual elements admonishes its viewers to abstain from labour on holy days.

This dissertation poses fundamental questions about the image's meaning and the mechanisms by which it communicated that meaning. It reconstructs various decorative, religious, and social functions of this unusual image. In particular, it demonstrates the visual knowledge which the laity needed to interpret the image, knowledge that included an awareness of a personal identification with the tools of one's trade and an understanding of one's relationship with Christ as potentially reciprocal. The tools around the Sunday Christ are shown to represent a projection of a social construction of the community in which the wall paintings existed.

The dissertation concludes that the significance of the Sunday Christ would have been transparent to medieval lay people without the aid of any specific verbal commentary. This raises the possibility that medieval images could convey complex ideas to lay viewers through a network of cultural reference without the mediation of specific texts. This analysis of the Sunday Christ challenges the usual art historical practices of tying the meaning of medieval **images** closely to **texts**, or dissociating them from broader social concerns as a completely autonomous language, by **showing** how they are able to function as a bearer and distributor of meaning in its own right.

21/7/27- (Item 3 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online  
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01273854 ORDER NO: AAD13-50050

**SYLVIA WALD AS SERIGRAPHER: HER WORK IN THE UNIVERSITY OF LOUISVILLE ART COLLECTION (KENTUCKY)**

Author: MENG, SARA FRANCES

Degree: M.A.

Year: 1992

Corporate Source/Institution: UNIVERSITY OF LOUISVILLE (0110)

Director: DARIO A. COVI

Source: VOLUME 31/01 of MASTERS ABSTRACTS.

PAGE 10. 108 PAGES

The University of Louisville owns thirty screenprints by Sylvia Wald, ranging in date between 1941 and 1950, of which twenty-two were available for this study. Sylvia Wald as Serigrapher consists of a catalog of the thirty prints and an analysis of twenty-two of them, with introductory biographical and technical information and color reproductions of the screenprints. The author has relied for information in large part upon conversations with Sylvia Wald for her statements regarding the artist's beliefs about art and about various media. The analysis, however, reflects the writer's opinion that these early screenprints demonstrate a progression from a style based on observation to one based on internal (emotional) responses to experience and to the materials of serigraphy. Wald's unusual **textural** effects, which first appeared in her late 1940s serigraphs, may be seen as her **trade - mark** in the serigraphic medium, marking her achievements in screenprinting as some of the most innovative

of their time.

21/7/28 (Item 4 from file: 35)  
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01233804 ORDER NO: AAD92-22062

**A THEORY OF MULTIPLE CLASSIFIER SYSTEMS AND ITS APPLICATION TO VISUAL WORD RECOGNITION (PATTERN RECOGNITION)**

Author: HO, TIN KAM  
Degree: PH.D.  
Year: 1992  
Corporate Source/Institution: STATE UNIVERSITY OF NEW YORK AT BUFFALO ( 0656)  
Adviser: SARGUR N. SRIHARI  
Source: VOLUME 53/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1465. 171 PAGES

Despite the success of many pattern recognition systems in constrained domains, problems that involve noisy input and many classes remain difficult. A promising direction is to use several classifiers simultaneously, such that they can complement each other in correctness. This thesis is concerned with decision combination in a multiple classifier system that is critical to its success.

A multiple classifier system consists of a set of classifiers and a decision combination function. It is a preferred solution to a complex recognition problem, because it allows simultaneous use of feature descriptors of many types, corresponding measures of similarity, and many classification procedures. It also allows **dynamic** selection, so that classifiers adapted to inputs of a particular type may be applied only when those inputs are encountered.

Decisions by the classifiers are represented as rankings of the class set that are derivable from the results of feature matching. Rank scores contain more information than unique class choices, and can be given on a common and consistent scale by each classifier for different instances of the problem.

The rankings are combined by methods that either reduce or rerank a given set of classes. An intersection method and a union method are proposed for class set reduction. Three methods based on the highest rank, the Borda count, and logistic regression are proposed for class set reordering. The advantages and disadvantages of each method are discussed.

The theory is tested in an application to visual word recognition, where many classes need to be discriminated. A computational model is proposed that integrates three approaches to word recognition. These include a character recognition approach, a segmentation-based approach, and a word shape analysis approach. A control strategy selectively activates the suitable classifiers and candidate words in a given lexicon. The class decisions are combined by the methods given in our theory.

The success of the model is demonstrated in an experiment with noisy word images of multiple font types. The results show that the **integrated** model outperforms each individual approach. Similar results are observed in two other experiments in character recognition.

21/7/29 (Item 5 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01184760 ORDER NO: AAD91-35737

**AVT, AN ALGORITHM VISUALIZATION TOOL FOR VLSI LAYOUT DESIGN**

Author: DAVID, JILL PEAVY  
Degree: PH.D.  
Year: 1991  
Corporate Source/Institution: THE UNIVERSITY OF TEXAS AT DALLAS (0382)  
Supervisor: FILLIA MAKEDON  
Source: VOLUME 52/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3144. 143 PAGES

In this thesis, we present the development and implementation of an experimental learning/design support environment for a novice as well as an expert algorithm designer. This experimental environment is called AVT, for Algorithm Visualization Tool. The goals of this thesis are the development of (1) a domain-independent visualization tool, (2) a exploratory learning environment, (3) an experimental heuristic design environment, and (4) an algorithmic representation which supports goals (2) and (3). A accepted concept for algorithm animation is that multiple views of a problem are needed to promote a better understanding of the behavior of an algorithm for solving that problem. These multiple views are **dynamic**, graphical images illustrating the actions of an algorithm during execution. In AVT, we extend this concept of multiple views to include not only graphical but also nongraphical views as well. Algorithm visualization, which includes algorithm animation, is the exploration of ways to visualize intuitively the computational behavior of an algorithm using multiple views, some of which are visual in the graphical sense. We employ other **views** ( **combining text and graphics** ) to explain the problem, the strategy, the heuristics, and the reasoning process behind the solutions. User interaction in AVT includes not only passive viewing of the animated algorithmic process but also active participation in the design of the steps of the algorithm. We have focused our initial implementation of AVT on the design of heuristics for VLSI (Very Large Scale Integration) layout design problems, an area of both economic and educational importance. AVT has been developed using Smalltalk, an object-oriented programming language.

21/7/30 (Item 1 from file: 61)  
DIALOG(R)File 61:LISA(LIBRARY&INFOSCI)  
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02048537 9202262  
Library and Information Science Abstracts (LISA)  
**Trademarks - symbolic assets of commerce.**  
AUTHOR(S): Morehead, Joe  
JOURNAL: Serials Librarian  
SOURCE: 21 (1) 1991, 77-87. 9 refs  
PUBLICATION DATE: 1991 -- 19910000

ABSTRACT: Looks at the printed and computerised information sources available for searching US **trademarks**. These include the on-line data base **TRADEMARKSCAN -FEDERAL** which **displays graphic images** as well as **text** and T-Search, a computerised system developed by the US Patent and **Trademark** Office. Considers the classification of trademarks and legal disputes over them. B.T.

21/7/31 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1732220 H.W. WILSON RECORD NUMBER: BAST94057989  
**Computer offers a lot of power and function in small footprint with help of plasma displays**  
Virginia, Joe; Sparacino, Tom  
Instrumentation & Control Systems v. 67 (Sept. '94) p. 95-7  
DOCUMENT TYPE: Feature Article ISSN: 1074-2328

ABSTRACT: Using a plasma display, Total Control Products (TCP) designed its SMART AT ThinSet system to provide users with a lot of power and functionality in a small footprint at a reasonable price. TCP appraised a number of flat panel technologies for the monochrome version of its SMART AT. The company chose the ac memory plasma display (AC-PDP), because **integrating this display** with the 486-based computer provided complete status information in **real time**. The panel also offered reduced weight and size, contributing to a lightweight, compact unit. The AC-PDP offers immunity to strong magnetic fields and improved shock and vibration

resistance, which make it suitable for use in a variety of harsh industrial applications. In addition, the display refined the SMART AT's overall ergonomic design with its bright **text** and **graphics** and wide viewing angle.

21/7/32 (Item 1 from file: 108)  
DIALOG(R)File 108:AEROSPACE DATABASE  
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02223230 A96-16435

**Grayscale/resolution trade-off for text - Model predictions and psychological results for letter confusion and letter discrimination**

Gille, Jennifer (Western Aerospace Labs. Inc., Moffett Field, CA); Martin, Russel (Xerox, Palo Alto Research Center, CA); Lubin, Jeffrey (David Sarnoff Research Labs., Princeton, NJ); Larimer, James (NASA, Ames Research Center, Moffett Field, CA)

In: Human vision, visual processing, and digital display VI; Proceedings of the Conference; San Jose, CA, Feb. 6-8, 1995 (A96-16431 03-54), Bellingham, WA, Society of Photo-Optical Instrumentation Engineers (SPIE Proceedings. Vol. 2411), 1995, p. 159-169.

1995 10 REFS.

CONTRACT NO.: NCC2-788

LANGUAGE: English

COUNTRY OF ORIGIN: United States COUNTRY OF PUBLICATION: United States

DOCUMENT TYPE: CONFERENCE PAPER

DOCUMENTS AVAILABLE FROM AIAA Technical Library

JOURNAL ANNOUNCEMENT: IAA9603

The grayscale/resolution **trade** -off for **text** **images** on discrete-pixel **displays** is examined. A set of simple test images is generated, grayscale and resolution are manipulated, and discrimination performance is predicted using the ViDEOS Sarnoff Human Vision Model. An empirical study of discrimination using psychological procedures is conducted, and the psychophysical results are used to verify the computational results. The above model is found to be a useful tool for analyzing image quality on spatially discrete display devices (AIAA)

21/7/33 (Item 1 from file: 202)  
DIALOG(R)File 202:Information Science Abs.  
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2802100

**Retrieval of optical images using Cuadra Star and GeneSys in the Ruth H. Hooker Research Library and Technical Information Center.**

Author(s): Bradley M L; Folen, D R

Corporate Source: Naval Research Lab., Washington, DC

Publication Date: 1993

ISBN: 0-938734-73-3 Pages: 43-49

Publisher: Learned Information, Inc.

Language: English

Place of Publication: United States

Document Type: Book Chapter

Record Type: Abstract

Journal Announcement: 2800

The Ruth H. Hooker Research Library and Technical Information Center of the Naval Research Laboratory (NRL) in Washington, DC is taking advantage of recent technical advances to place the optical images of its scientific reports on disk and store them in an autochanger roughly the size of a standard home refrigerator. This conversion allows the Library to store its report collection in a small fraction of the space once needed, and to retrieve reports almost instantaneously. The full text of over 60,000 reports averaging 55 pages per report (about one-fifth of the report collection), has already been stored as optical images and 36,000 more will be scanned by the end of the current year. These images are on 12-inch optical disks in a 50 platter. Sony autochanger. In addition to the autochanger, the basic system consists of an Alphamicro minicomputer, an

optical server, a file server, PCs for transferring images to disk, scanners, printers, and workstations. The reports are fully indexed in a Cuadra Star database. Page images of the reports are retrieved using the ImageExtender capability of the GeneSys software. The Library user searches the STAR database from a PC to identify those reports needed. Once the reports are identified a **scroll** bar is placed over the accession numbers of these reports and with the touch of a key the images are retrieved. Pages of reports can be displayed one at a time on the screen or, in a Windows version, pages from two or more reports can be **displayed simultaneously**. The same report can be **viewed simultaneously** at more than one workstation. The user can flip back and forth through the report on the screen, front to back or back to front, or go directly to a certain page. All or part of a report can be printed out by the user on a high speed printer.

21/7/34 (Item 2 from file: 202)

DIALOG(R)File 202:Information Science Abs.

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2602798

**Video image bank for storing and retrieving video image sequences.**

Author(s): Etra, W

Patent Number(s): US 5012334

Publication Date: Apr 30, 1991

Language: English

Document Type: Patent

Record Type: Abstract

Journal Announcement: 2600

A video image bank system for preparing an edit tape and associated edit list from a library of **stock video image** sequences uses a set of video disks with an associated library index. A microprocessor or personal computer is loaded with the library index, and an operator selects an initial set of **image** sequences from a menu or by using key **words**, specifically or highlighted in a **word processor text** file, for a desired effect. Groups of still frames, one from each identified **image** sequence, are **displayed** and the operator selects any one of the represented image sequences for addition to the edit tape and the associated edit list. Once all the desired **stock video image** sequences have been selected from the library and transferred to the edit tape and associated edit list, these sequences may readily be added to a production video sequence using normal editing procedures.

21/7/35 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00399612 95DB10-001

**Kodak Picture Exchange: online access to photographs and images**

Valauskas, Edward J

Database , October 1, 1995 , v18 n5 p16-23, 6 Page(s)

ISSN: 0162-4105

Company Name: Eastman Kodak

Product Name: Picture Exchange

Presents a favorable review of the Picture Exchange (\$29.95 monthly) online service from Eastman Kodak of Rochester, NY (800). Says it provides access to a database of over 200,000 photographic **images** collected from 28 **stock** photography companies in the United States. Adds that it features an easy-to-use search screen that allows users to quickly and accurately locate images with customized search parameters, offers a document that explains the use of images, and can load basic thumbnail views that can be used to create contact sheets. However, says it presumes that the user does not use any Internet access software, and it has inconsistencies in the **text** files accompanying the **images**. Calls it "an interesting and useful product." Includes three screen **displays**, two sidebars, two charts, and a summary card. (cont)

21/7/36 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00367619 94MA11-303

**Designers are dialing up for stock photo discussion**

McCarthy, Nancy J

Macworld , November 28, 1994 , v8 n46 p18, 20, 2 Page(s)

ISSN: 0741-8647

Presents an overview of online offerings for **graphics** designers and communicators. Says the online offerings include **stock** photography, clip art, illustrations, news photographs, and Bulletin boards that enable closer interaction between client and vendor as well as faster job turnarounds. Adds that online features include a search engine that permits users to describe **image** in detailed phrases rather than keywords. Also says the BBSes offer software help forums, **trade show news**, discussion forums, shareware information, virtual kiosks, and commercial classified ads for artists and designers. Contains a listing of service providers. Includes price and vendor contact information. Includes three screen displays and eight summary cards. (dpm)

21/7/37 (Item 3 from file: 233)  
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00228781 90PI11-066

**Epson EPI-4000**

Stone, M David

PC Magazine , November 13, 1990 , v9 n19 p284-290, 4 Pages

ISSN: 0888-8507

Presents a favorable review of the Epson EPI-4000 (\$1,999), an ink jet printer from Epson America Inc., Torrance, CA (200). The printer offers HP LaserJet Series II, Epson LQ, and Epson FX emulations. It is very easy to set up and use, and is capable of handling 11- by 17-inch paper. In testing, output quality was highly dependent on the paper used. Although Epson says that copier paper can be used, when it was used **text** characters showed noticeable bleeding and **graphics** lost detail. When used with cotton- **bond** paper, the output was of laser quality. The ink used in the printer showed excellent resistance to smearing. In testing the printer achieved text output speeds of 1.4 ppm for letter quality and 2.2 to 2.3 ppm for draft. In the Epson LQ emulation mode, graphics output was 0.8 ppm. Includes one table, one photo. (djd)

21/7/38 (Item 4 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00214865 90PI04-049

**STB VGA EM-16**

Greenberg, Stuart R; Rosch, Winn L

PC Magazine , April 10, 1990 , v9 n7 p181-182, 2 Pages

ISSN: 0888-8507

Presents a mixed review of the STB VGA EM-16 (\$369-\$469), a graphics adapter from STB Systems Inc., Richardson, TX (214). The adapter requires a Monochrome TTL monitor for standard video modes or a high resolution monitor for 1,024 by 768 output. It is a direct-access adapter that supports 17 **text** and **graphics** modes. Its 512K memory ceiling limits color **display** to only 16 **simultaneous** colors from a 256K palette at resolutions above 800 by 600 pixels. Its VGA display exhibited timing problems and jumpy **scrolling**, and the lack of a coprocessor made for slow performance. The board lacks drivers for both Windows/386 and Presentation Manager. Calls the adapter "an unfortunate case of quantity over quality." (djd)



21/7/39 (Item 5 from file: 233)  
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00152453 87WS09-005

**System plugs traders into futures universe: The CNS Analyst offers powerful analytical and charting tools, futures and options quotes, and news of especial value to traders**

Landis, Kenneth M; Monk, J Thomas

Wall Street Computer Review , Sep 1987 , v4 n12 p86-88, 3 Pages

ISSN: 0738-4343

Presents a favorable review of CNS Analyst (\$2,500-\$7,828 purchased, and \$300-\$650/month data fees), a financial analysis software and/or hardware system, from Commodity News Service Inc. of Leawood, KS (800, 913). Notes that CNS Analyst requires a dedicated IBM PC or compatible, an Equatorial satellite receiver, and a Tallgrass or Sysgen external disk drive is recommended. Notes that CNS Analyst can produce graphs and charts with the ability to store 20 in an online library. Also offers technical analysis, tabular displays, quotes, and news. Says that it "should be considered by any serious trader as, at a minimum, a graphic analysis tool and news service." Includes one photo. (tjm)

21/7/40 (Item 1 from file: 434)  
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
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06306533 Genuine Article#: ACT80 Number of References: 20  
**Title: HARDWARE SOFTWARE TRADE -OFFS FOR BITMAP GRAPHICS ON THE BLIT**  
**Author(s): PIKE R; LOCANTHI B; REISER J**  
**Corporate Source: AT&T BELL LABS,600 MT AVE/MURRAY HILL//NJ/07974; AT&T BELL LABS/HOLMDEL//NJ/07733**  
**Journal: SOFTWARE-PRACTICE & EXPERIENCE, 1985, V15, N2, P131-151**  
**Language: ENGLISH Document Type: ARTICLE**

21/7/41 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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06355389

Rover Rimes

UK: ROVER'S RIMES PROJECT PROGRESSES

Financial Times (FT) 23 Aug 1996 p.10

Language: ENGLISH

Rover, the UK car company owned by BMW of Germany, is planning to implement its Integrated Manufacturing Engineering System (Rimes) across all of its UK sites, as part of its quality programme. Rimes uses software from Cimline to offer real - time assembly instructions (from existing databases) for shopfloor operators, replacing an old poor quality system used previously. Trials have shown that the system, combining text and graphics, has enhanced communications between manufacturing engineers, while raising product quality and offering enhanced job flexibility. Shopfloor operators are now being encouraged to recommend improvements on the look of the documents. BMW has also expressed interest in using such technology.

(c) Financial Times 1996

21/7/42 (Item 2 from file: 583)  
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06303898

Mercedes threat over ads

UK: LDV MAY FACE MERCEDES LEGAL ACTION FOR ADVERT

Daily Telegraph (DT) 01 May 1996 p.22  
Language: ENGLISH

Citing **trade** libel and **trademark** infringement, Mercedes-Benz has written to UK van producer, LDV, asking it to withdraw a poster campaign or face the possibility of legal action. The advert, which **shows** LDV's **trademark** with the words "We make vans" and Mercedes **trademark** - along with others - and the words "They also make vans", could result in Mercedes seeking an injunction.

21/7/43 (Item 3 from file: 583)  
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05893879  
Lucas devises hologram label in bid to foil counterfeiters  
UK: LUCAS ACTS TO COMBAT COUNTERFEITERS  
Daily Telegraph (DT) 11 Oct 1993 p. 27  
Language: ENGLISH

The aerospace and automotive components group Lucas Industries is employing a hologram label to defend its products from counterfeiters. The hologram has been brought in on Lucas car parts for export to Iran, an area where in the past two years the amount of counterfeiting of the firm's automotive products has risen tenfold. The small coloured hologram was launched by Lucas earlier in October 1993 at the Tehran International **Trade** Fair. The device carries the Lucas corporate **logo**, with the words 'genuine parts' **appearing** on car parts packaging. The Middle East manager for the company's automotive aftermarket operations David Jefferies said that the hologram may be used in other markets where Lucas product is hit by counterfeiting and to protect the group's market share.

21/7/44 (Item 4 from file: 583)  
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05280001  
PIXEL SEMICONDUCTOR LAUNCHES FULL MOTION VIDEO CHIP SET FOR AT/  
US - PIXEL SEMICONDUCTOR LAUNCHES FULL MOTION VIDEO CHIP SET  
Computergram International (CGI) 25 August 1992 p1  
ISSN: 0268-716X

Pixel Semiconductor (Plano, TX), subsidiary of Cirrus Logic, has introduced the CL-PX2070 Digital Video Processor and CL-PX2080 MediaDAC chip. The two **integrated** circuits process and display multiple **streams** of full-motion video for personal computer and video teleconferencing applications. The CL-PX2070 and CL-PX2080 hold information in digital format enabling users to to add and overlay graphics and text, video in sequences, edit between single or multiple **streams** of video, and to display this data in multiple windows in real **time**. The CL-PX2070 enables the capture, storage, processing, and routing of multiple independent **streams** of full-motion video. The CL-PX2080 mixes and **simultaneously displays** graphics with multiple independent **streams** of live video, the company says. Interfacing with the video memory of the CL-PX2070 via its live video port, the CL-PX2080 provides multiple viewports into the video memory, and displays the contents on screen. Volume production is planned for the first quarter of 1993. The CL-PX2070 will cost USD1r85 in quantities of 1k and the CL-PX2080 is USD1r65.

21/7/45 (Item 5 from file: 583)  
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04032242  
IMAGEBASE TECHNOLOGY UNVEILS IMAGE DATABASE MR. WAGER

ImageBase Technology has launched PC Album - an image database management system with colour image handling. The product, targeted at estate agencies, advertising companies and model agencies, uses compression - which can be varied by degree so that users can **trade** disk space off against **picture** quality depending on their priority - to store **images** as static files alongside **text**. The text database is set up by defining fields on the screen, on which Picture Boxes are then created for **displaying** real-time, colour images - generally input from a video camera. PC Album is made in the US by PCM and is available exclusively from ImageBase Technology in the UK. The product is also available bundled with Canon still-video cameras, Howtek or Sharpe scanners and standard ink-jet printers as well as Hitachi's VY 200 high-definition A6 colour video printer and an A4 colour printer from Mitsubishi. A complete single-user system, with camera, scanner, and printer starts from GBP3,120.\*

21/7/46 (Item 6 from file: 583)  
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03010094  
SARNOFF, SUN, TEXAS GET HDTV CASH TO DO VIDEO STATION  
US - SARNOFF, SUN, TEXAS GET HDTV CASH TO DO VIDEO STATION  
Computergram International (CGI) 30 October 1989  
ISSN: 0268-716X

SRI International's David Sarnoff Research Center in Princeton, New Jersey, in partnership with Sun Microsystems Inc and Texas Instruments Inc has been picked by the US Defense Advanced Research Projects Agency to develop a high-definition video workstation, to be available in two years, as part of the US high-definition television effort. The multimedia workstation will support display of multiple video, static image, **graphics** and **text** windows on one high-definition screen, and will **combine** a high resolution **display** with multiprocessor computation and interactive video input. Sun will build the system and provide digital image processing hardware and system-level software, including the window system and Unix operating system and Sarnoff will write application tools and utilities and develop a high-speed, programmable digitiser to convert high-definition video to digital signals to be used by the workstations. Texas will look into opportunities for advanced semiconductor components and subsystems derived from the workstation research, and ensure that the technologies developed are disseminated to US industry. US - SARNOFF REVEALS ITS PARALLEL VIDEO SUPERCOMPUTER -----

----- The David Sarnoff Research Center has also developed the "world's first" video supercomputer, and says it is now being used by Thomson Consumer Electronics Inc to design future RCA television receivers and by the Center to develop high-definition televisions for the US effort. Called the Princeton Engine, it was created to speed the development of advanced television systems and TV receiver features. The Princeton Engine is described as the first of a new class of supercomputer that provide engineers and scientists with **real - time** video simulation to develop and prototype electronic systems at a much faster rate by decreasing or eliminating the need for expensive hand-made prototypes. The massively parallel machine has 1,024 processors and implements a multiple-data architecture. Sarnoff sees it being used in teleconferencing, sonar, radar, weather forecasting, photo analysis, command and control, and environmental modelling.

21/7/47 (Item 7 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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02664333

SHOWA DEVELOPS IMAGE TRANSMISSION AND DISPLAY SYSTEM

JAPAN - SHOWA DEVELOPS IMAGE TRANSMISSION AND DISPLAY SYSTEM

Nikkei Sangyo Shimbun (NSS) 13 April 1989 p20

Language: Japanese

Showa Information Equipment has developed a new image and display system, Miracle which consists of display terminals and a reader or a POP leaflet preparation system. Images are entered from a microcomputer and scanner and can be transmitted over public telephone lines, and the enlarged **image** can then be **displayed** on distant **display** terminals. An A4 size **text** can be enlarged to A1 size on the terminal. The personal scanner costs Y195k, the terminal cost Y698k, and the leaflet preparation system costs Y3.398 mil.

?

Set	Items	Description
S1	2570540	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	28011	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	1934967	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	9989546	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	95444	S4(3N) (TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W) (TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	12533	S4(3N) (CONCOMITANT? OR CONTEMPORAN? OR INCORPORAT?)
S7	3075331	TICKER? OR SCROLL? OR TELEGRAPH?(2N) (INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL?
S8	377635	TEXTSCROLL? OR NEWSCROLL? OR REALTIME? OR REAL()TIME
S9	2786	S4(3N)CONTEMPORA?
S10	49124	S1-S2(3N)S3
S11	463	S10 AND (S5 OR S6 OR S9)
S12	55	S11 AND S7
S13	21	S11 AND S8
S14	67	S12-S13
S15	12813	S1(10N) (STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECUR- RITIES OR INVESTMENT?)
S16	39	S15 AND S1-S2(10N)S3(5N)S4
S17	39	S16 NOT S14
S18	106	S14 OR S17
S19	91	RD (unique items)
S20	44	S19/1997:2001
S21	47	S19 NOT S20
S22	420	S2(10N) (STOCK? OR BOND? ? OR TRADE? ? OR TRADING OR SECURI- TIES OR INVESTMENT?)
S23	1	S22 AND S1-S2(10N)S3(5N)S4
S24	25678	S1-S2(5N) (S7 OR TEXTSCROLL? OR NEWSCROLL?)
S25	106	S24 AND S3(5N)S4
S26	107	S25 OR S23
S27	86	RD (unique items)
S28	41	S27/1996:2002
S29	43	S27 NOT (S18 OR S28)

?t29/7/all

29/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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4715585 INSPEC Abstract Number: C9409-6160S-007

**Title: Integrating video into an application framework**

Author(s): Schnorf, P.

Author Affiliation: Canon Inf. Syst. Inc., Palo Alto, CA, USA  
p.411-17, 478

Publisher: ACM, New York, NY, USA

Publication Date: 1993 Country of Publication: USA 480 pp.

ISBN: 0 89791 596 8

U.S. Copyright Clearance Center Code: 0 89791 596 8/93/0008/0411\$1.50

Conference Title: Proceedings of First ACM International Conference on  
Multimedia

Conference Sponsor: ACM

Conference Date: 2-6 Aug. 1993 Conference Location: Anaheim, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

**Abstract:** Object-oriented application frameworks help software engineers develop sophisticated interactive applications quickly and reduce maintenance costs significantly. An application framework provides, among others, predefined visual classes for **text** or graphics **display** and for user interaction elements, as well as integrated control of these elements. The author extended a typical application framework in a multitasking environment to support motion video display in full generality. The video

objects display motion video generated by autonomous hardware or software processes. They may appear in any shape or number mixed with other visual objects in **scrollable** views, as building blocks in **graphics** editors, as characters in text editors, as items in list or pop-up menus, etc. Video objects support the full visual class protocol for client-transparent double buffering, cut/copy/paste/undo operations, and output to or input from files. The paper describes the features of these video objects and changes to the architecture of the application framework necessary to support the new paradigms of motion video. (11 Refs)

Subfile: C

29/7/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

4668556 INSPEC Abstract Number: B9406-6140C-182, C9406-5260B-130

**Title: Deterministic and stochastic separation of digital images**

Author(s): Pandit, S.M.; Joshi, G.A.; Weber, C.R.

Author Affiliation: Dept. of Mech. Eng. & Eng. Mech., Michigan Technol. Univ., Houghton, MI, USA

Journal: Journal of Visual Communication and Image Representation  
vol.5, no.1 p.52-61

Publication Date: March 1994 Country of Publication: USA

CODEN: JVCRE7 ISSN: 1047-3203

U.S. Copyright Clearance Center Code: 1047-3203/94/\$6.00

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: The digital image of a scene is composed of patterned and textured regions, which are separated by boundaries or edges. This paper presents a three stage approach to separating the regions which constitute the structural or deterministic component of the image and the textures which constitute the stochastic part of the image. The data dependent system methodology is extended to the boundary value problem, to achieve time (space) and frequency localization on the image data. The peculiarity of this approach is that it identifies each texture as one entity, as opposed to conventional approaches which give rise to a number of edgelets for each texture in the image. The first stage generates a mathematical characterization of the image using the intrinsic spatial dependencies of the **image** intensities. The **dynamics** of the **image** intensities is characterized by the Green's function of the adequate model. The components of intensities unexplained by the Green's function are captured in the model residuals. These residuals contain both boundary values and noise. Boundary values occur at the outlier residual locations and are nonzero only at the region boundaries. In the second stage a linear regression that minimizes the stochastic part of the model is used to estimate the boundary values, which are measures of edge strength. The third stage involves the deterministic and stochastic reconstruction of the image, which demonstrates the structural and textural separation of the image. Convolution of boundary values with Green's function gives the structural component, whereas convolution of white noise with Green's function produces the textural component of the image. The results **show** excellent structural **textural** separation in addition to large data reduction capability. (26 Refs)

Subfile: B C

29/7/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

4585065 INSPEC Abstract Number: C9403-7470-034

**Title: Associavision as a visual representation tool for a nuclear power plant simulator**

Author(s): Flanagan, J.; Sandberg, M.; Mills, R.

Author Affiliation: ABB Power Plant Controls, Windsor, CT, USA

Conference Title: Simulators X. Proceedings of the 1993 Simulation Multiconference on the International Simulators Conference p.686-91

Editor(s): Sharon, A.  
Publisher: SCS, San Diego, CA, USA  
Publication Date: 1993 Country of Publication: USA xiv+698 pp.  
Conference Sponsor: SCS  
Conference Date: 29 March-1 April 1993 Conference Location: Arlington,  
VA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Associavision (AV) brings to the simulation industry a versatile man-machine interface. AV allows dynamic data in a number of forms ( **dynamic graphical** 'widgets' or numerical values) from virtually any application to be placed on top of any file that can be represented on a computer **display** . AV uses hyper- **text** type links to provide an intuitive way of viewing related documentation and creating customized objects for displaying real-time data. Visualized documentation is not restricted to text files, but can include any combination of bit-maps, digitized images and CAD drawings. (0 Refs)

Subfile: C

29/7/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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04395448 INSPEC Abstract Number: C9306-7810C-015

**Title: HyperGraph-a hypermedia system for computer graphics education**

Author(s): Owen, G.S.

Conference Title: Interactive Learning Through Visualization. The Impact of Computer Graphics in Education p.65-77

Editor(s): Cunningham, S.; Hubbard, R.J.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1992 Country of Publication: West Germany vi+284 pp.

ISBN: 3 540 55105 0

Conference Date: 4-6 April 1991 Conference Location: Begur, Spain

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: A drastic change is suggested in the method of delivery of instructional materials to one that fully uses modern technology, namely the development and use of a hypermedia instructional system. A hypermedia system is the combination of hypertext and multimedia computer systems. These systems allow users to read **textual** materials, listen to audio descriptions, **view** static and **dynamic graphics images** , stored and interactive video, and to create their own graphics images. The users can navigate through the material jumping from one area to another and are not constrained to a linear path. The author is developing HyperGraph, a hypermedia system to teach computer graphics. HyperGraph can be used both for lecture presentation and for self-paced individual student learning. Though a system to teach computer graphics is the focus, much of the discussion is also pertinent to other subject areas. (6 Refs)

Subfile: C

29/7/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03616161 INSPEC Abstract Number: C90034890

**Title: Animating Pascal programs on microcomputers**

Author(s): Neelamkavil, F.; Beare, L.

Author Affiliation: Dept. of Comput. Sci., Trinity Coll., Dublin, Ireland

Journal: Microprocessing & Microprogramming vol.26, no.5 p.331-7

Publication Date: Feb. 1990 Country of Publication: Netherlands

CODEN: MMICDT ISSN: 0165-6074

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The number and complexity of algorithms and data structures are expanding every day and it is becoming increasingly difficult to visualize

the abstractions involved in implementing and applying data structures and algorithms, which form the back-bone of almost all computer applications. Animated algorithms and data structures enhance understanding of abstract concepts, aid program debugging, increase programmer productivity and reduce analysis and design costs. Animation of algorithms usually involves the display of various features in multiple dynamic windows, including an animated display of the text of the algorithm in one window and a dynamically changing graphical interpretation of the algorithm in execution in another. The paper concentrates on the development of a system for animated display of Pascal programs and the definition of rules to impregnate a given algorithm with code to animate it. (11 Refs)

Subfile: C

29/7/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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03571149 INSPEC Abstract Number: B90018272, C90022845

**Title: Computer support for transcribing recorded activity**

Author(s): Trigg, R.H.

Author Affiliation: Syst. Sci. Lab., Xerox PARC, Palo Alto, CA, USA

Journal: SIGCHI Bulletin vol.21, no.2 p.72-4

Publication Date: Oct. 1989 Country of Publication: USA

CODEN: SGBUD4 ISSN: 0736-6906

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A tool is described which provides an extensible computer environment in which multiple chronologically organized representations of a single sequence of activity can be edited, juxtaposed, and aligned. The basic idea is to provide a computer tool for rendering time-ordered streams of data in a side-by-side display. Streams of different data substances (textural, graphical, etc.) are juxtaposed and aligned using synchronization links. The resolution/magnification of the display is adjustable on the fly as well as the particular set of data streams and their orientation. The ability to make hardcopy as well as screen displays is supported. The author discusses the idealized tool using a scenario, describes the current state of the implementation, and poses a list of issues and future extensions. The tool is based on a hypertext model which associates video with other online information through user-defined links.

(7 Refs)

Subfile: B C

29/7/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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03472272 INSPEC Abstract Number: C89062841

**Title: F-TAS: a full-text access system**

Author(s): Prasse, M.J.; Dillon, M.; Gordon, M.J.; Mortland, B.; Repka, A.

Author Affiliation: OCLC, Dublin, OH, USA

Conference Title: National Online Meeting. Proceedings - 1988 p.327-32

Publisher: Learned Inf, Medford, NJ, USA

Publication Date: 1988 Country of Publication: USA xv+456 pp.

ISBN: 0 938734 26 1

Conference Sponsor: Online Review

Conference Date: 10-12 May 1988 Conference Location: New York, NY, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Product Review (R)

Abstract: Describes a mouse-controlled, full-text access system (F-TAS) that integrates general interface design principles with the results of studies of perceiving and comprehending text. F-TAS is discussed within a framework of three categories of interface-design issues for full-text retrieval: (1) general interface issues, (2) perceptual issues relevant to reading, and (3) cognitive issues such as displaying paragraphs as 'cognitive units.' F-TAS users may access a document at the page of word(s)



level. Pressing the left or right mouse button, respectively, pages forward or backward throughout the document. The middle mouse button can be used to select: (1) icons representing the first or last page of the document, (2) locations on a scrollbar relative to the first or last page, (3) icons to display the table of contents or the index, (4) page numbers from the table of contents or the index, or (5) bookmarks established by the user. At the word level, a user can use the mouse to select terms from the **displayed text** or enter terms from the keyboard. The locations of paragraphs containing the search term(s) are indicated by **icons** displayed below the **scrollbar**, and special **icons** indicate whether the search terms appears in the table of contents or index. (16 Refs)

Subfile: C

29/7/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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02948021 INSPEC Abstract Number: B87055669, C87049263

**Title: Information editing terminal for digital videotex**

Author(s): Teranishi, T.; Kaneko, T.; Ooshima, T.; Ogawa, K.

Author Affiliation: NTT, Tokyo, Japan

Journal: Electrical Communication Laboratories Technical Journal

vol.36, no.3 p.413-22

Publication Date: 1987 Country of Publication: Japan

CODEN: TJECAS ISSN: 0415-3200

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: Describes the basic concepts and design techniques for a multimedia information editing terminal used in NTT's digital videotex. This system provides full-color pictures and audio information in addition to text and figures. The new terminal is designed to produce these varied multi-media information simply and quickly. The **display** priority for **text**, figures and full-color **pictures** can be changed easily. **Dynamic icon** displays that concentrate and integrate former function-keys assure easy operability. The output order for each type of medium can be simply manipulated to allow information expression in various forms. (10 Refs)

Subfile: B C

29/7/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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02181925 INSPEC Abstract Number: D84000236

**Title: The shoemaker's children: how Digital uses interactive video to train computer technicians**

Author(s): Olsen, L.; Di Fazio, R.

Author Affiliation: Digital Equipment Corp., Bedford, MA, USA

Journal: Training and Development Journal vol.37, no.12 p.30-1

Publication Date: Dec. 1983 Country of Publication: USA

CODEN: TDEJA7 ISSN: 0041-0861

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); New Developments (N)

Abstract: A critical factor in the market success of technologically advanced products is the ability of the vendor to train field service technicians to repair and maintain such products. The research and development that led to the introduction of Digital Equipment Corporation's Interactive Video Information System was part of an effort to improve field service training methods. Two goals were important: improving the timeliness of training and centralizing training to reduce per diem and travel costs. IVIS has been designed as an optional hardware/software subsystem which, when interfaced with a DEC Professional 350 personal computer, enables computer-generated **text** and **dynamic graphics** to be **displayed** over moving TV pictures or still frames. (0 Refs)

Subfile: D

29/7/10 .(Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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01604003 INSPEC Abstract Number: B80055460, C80035558

**Title: Itron VFDs become word processing displays**

Author(s): Nakamura, T.

Author Affiliation: Ise Electronics Corp., Mie, Japan

Journal: JEE (Journal of Electronic Engineering) vol.17, no.161 p.

57-60

Publication Date: May 1980 Country of Publication: Japan

CODEN: JEENDL ISSN: 0385-4507

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: VFDs have expanded their display functions, and are being extensively utilized for many different applications, such as those for electrical appliances, automobiles, business machines and industrial measuring instruments. Also, they were developed as dot character display tubes to adapt to information equipment development, and are now becoming character and **text** displays. The author discusses **graphic display** and **scroll** display dot matrix VFDs as representative types. (0 Refs)

Subfile: B C

29/7/11 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1902655 NTIS Accession Number: DE95010965

**Incorporating bibliographic information into a spatial data query system for the Savannah River Site**

Cowen, D. J. ; Jensen, J. R. ; MacCharles, C. V. ; Holliday, W. N. ; White, T. R.

Westinghouse Savannah River Co., Aiken, SC.

Corp. Source Codes: 094916000; 9525316

Sponsor: Department of Energy, Washington, DC.

Report No.: WSRC-MS-95-0031; CONF-9503141-1

1995 14p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI9522; ERA9546

Annual meeting of Society of Photogrammetry and Remote Sensing, Charlotte, NC (United States), 27 Mar - 2 Apr 1995. Sponsored by Department of Energy, Washington, DC.

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NTIS Prices: PC A03/MF A01

Country of Publication: United States

Contract No.: AC09-89SR18035

Over the past two years the Environmental Sciences Section of the Westinghouse Savannah River Company and the University of South Carolina have developed a full-featured spatial data query system for the Savannah River Site. This Environmental Data Atlas, which operates across multiple platforms, is designed to provide scientists with easy access to a wide range of GIS and remote sensing data resources. This paper describes the method that has been developed to extend the Environmental Data Atlas to incorporate bibliographical data. The bibliographic search function was determined by the scientists to be an extremely important enhancement that will enable them to utilize geographic keys to locate obscure references and databases. The method uses a Hot Link function to launch a parsing algorithm by pointing to geographic features. The parsing algorithm efficiently sorts through a list of references based on the keyword associated with the feature. The matched bibliographical entries are formatted into a **text** file that is **displayed** in a **scrollable** window. Any **graphics** associated with the actual reference can also be scanned and linked to an additional Hot Link. An additional parsing system was used to automatically create the bibliographical database from a comprehensive

CD-ROM version of the Environmental Information Document prepared by the Environmental Sciences Section. This extensive digital reference represents a summary of much of the recent ecological information available on the site. The methods used in this system are directly linked to a commercially available software and provide a universal approach to establishing a geographically based document retrieval system.

29/7/12 (Item 2 from file: 6)

DIALOG(R) File 6:NTIS

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1846206 NTIS Accession Number: AD-A286 051/8

**Interactive Hypermedia for Tactical Training**

(Final rept. Jul 91-Jun 94)

Goehring, D. J.

Army Research Inst. for the Behavioral and Social Sciences, Alexandria, VA.

Corp. Source Codes: 054823000; 408010

Report No.: ARI-TR-1013

Oct 94 39p

Languages: English

Journal Announcement: GRAI9504

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NTIS Prices: PC A03/MF A01

Country of Publication: United States

Contract No.: 2Q162785A791

This effort applied the technology of hypermedia to the problem of organizing and presenting field training exercise data to provide training for military personnel using recent advances in informational science computer hardware and software technology. The data produced during a large-scale training exercise was structured into a hypermedia-based proof-of-principle system for training ground war tactics. The prototype lesson, which runs on an 286-based MS-DOS computer, features hypermedia structuring of textual information and high-resolution color static and **dynamic graphics**. The findings of this effort will contribute in several ways to future work in this area, (1) Future work can build directly upon the progress achieved in this project. (2) Guidelines are presented for resources necessary for a full-scale development of a tactical training system based on interactive hypermedia technology. (3) This project **shows** the value of a hyper-**textual** approach as a way of organizing and integrating diverse types of training exercise data for use in computer-based training but with potential for a variety of other uses. Hypertext, Training, Hypermedia, Army training, Computer-based training, National Training Center.

29/7/13 (Item 3 from file: 6)

DIALOG(R) File 6:NTIS

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1711788 NTIS Accession Number: AD-A259 526/2

**Early Detection of Motion Boundaries**

(Technical rept)

Spoerri, A.

Massachusetts Inst. of Tech., Cambridge. Artificial Intelligence Lab.

Corp. Source Codes: 001450241; 407483

Report No.: AI-TR-1275

24 Jan 91 73p

Languages: English Document Type: Thesis

Journal Announcement: GRAI9310

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NTIS Prices: PC A04/MF A01

Country of Publication: United States

Contract No.: N00014-85-K-0124; NSF-IRI89-00267

This thesis addresses the problem of how to detect boundaries on the basis of motion information alone, and its solution is performed in two stages: (1) the local estimation of motion discontinuities and the computation of the visual flow field; (2) the extraction of complete boundaries belonging to differently moving objects. For the first stage, three new methods are presented that can independently estimate motion boundaries: the Bimodality Tests, the Bi-distribution Test, and the Dynamic Occlusion Method. These methods can estimate motion boundaries in a scene containing several moving objects, without prior knowledge of their shapes or motions, and they require only local computations. The motion boundary estimators have been implemented on the Connection Machine, a large parallel network of simple, locally interconnected processors. Further, it is also shown that the visual flow field can be locally estimated as a by-product of the early estimation of motion boundaries, and a mathematical formulation is provided to show that the proposed computation of visual motion is well-posed. The second stage consists of applying and modifying the Structural Saliency Method by Sha'ashua and Ullman to extract complete and unique boundaries from the output of the first stage, which is often broadly defined and can contain gaps. Results are presented that show that the methods can successfully segment complex **dynamic images** composed of random-dot patterns or natural **textures**. It is also **shown** how the methods can be used in stereopsis and surface reconstruction....Visual motion, motion, motion boundaries, boundary detection, motion discontinuities.

29/7/14 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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1608191 NTIS Accession Number: AD-A240 358/2

**Perceptual Grouping and Shape from Texture**

(Final rept. 1 Dec 89-30 Nov 90)

Ahuja, N.

Illinois Univ. at Urbana-Champaign. Coordinated Science Lab.

Corp. Source Codes: 034597093; 097700

Sponsor: Air Force Office of Scientific Research, Bolling AFB, DC.

Report No.: AFOSR-TR-91-0721

30 Nov 90 3p

Languages: English

Journal Announcement: GRAI9201

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A01/MF A01

Country of Publication: United States

Contract No.: AFOSR-90-0061; 2304; A7

This report summarizes the progress made during the year 1990 under grant AFOSR-90-0061. During the grant period of December 1989 to November 1990, we have concentrated on the projects on motion through textured environment and perceptual structure and reliable computing. In the first project, we have made process on the estimation of three-dimensional structure from (1) two perspective, monocular views of a dynamic scene and (2) a sequence of perspective, monocular views of a dynamic scene. Towards (1), we have developed an algorithm that estimates the three-dimensional motion and structure of a moving piecewise **textured** surface from two perspective **views**. The algorithm has two major steps. Here, the local planar nature of the surface is used to obtain polynomial expressions for image plane displacements of features. Using regions as moving features, the image is segmented using Hough transform such that the regions in each segment have the same polynomial coefficients. The values of these coefficients and region properties (e.g., area) are then used to identify region correspondences. In the second step, for each planar surface, the region correspondences are used to compute the corresponding motion parameters and

surface orientation in closed form.

29/7/15 (Item 5 from file: 6)  
DIALOG(R)File 6:NTIS  
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0875794 NTIS Accession Number: AD-A094 077/5/XAB

**Analysis of Dynamic Visual Processing**

(Technical rept)

Pantle, A. J.

Miami Univ., Oxford, OH. Dept. of Psychology.

Corp. Source Codes: 018214004; 405944

Sponsor: Air Force Aerospace Medical Research Lab., Wright-Patterson AFB, OH.

Report No.: AFAMRL-TR-80-117

Dec 80 128p

Languages: English

Journal Announcement: GRAI8110

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NTIS Prices: PC A07/MF A01

Country of Publication: United States

Contract No.: F33615-77-C-0528; 7184; 11

These empirical studies were designed to elucidate the visual mechanisms or channels responsible for the spatiotemporal processing of dynamic imagery. The studies are conveniently placed into four different categories according to the type of display employed. A sustained-transient channels model of visual function was used as the framework for the conduct and interpretation of the experiments. (1) In the first series of studies it was shown that the pattern of masking effects produced by a background of particular spatial frequency content upon a set of test targets cannot be predicted without knowing the temporal characteristics of both the background and target. (2) Studies of the effects of sine-wave adaptation on perceptual organization. Selective adaptation to sine-wave gratings was found to bias the perceptual organization of a bistable spatiotemporal display. (3) Studies with alternating, Julesz-type random-element patterns. In experiments in which the perception of a global subjective figure depended upon local correlations of individual elements in successive time frames, it was found that the clarity of the subjective figure decreased gradually as the orientation difference between elements in the successive frames increased. (4) Studies of dynamic texture processing. The perception of a subjective figure based upon texture cues in a dynamic display was found to depend upon a process which consisted of at least two adaptable components: one component involving a representation or coding of the spatial details of the individual texture elements themselves, and another component involving a representation or coding of the figure as a whole.

29/7/16 (Item 1 from file: 8)  
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04310394 E.I. No: EIP95122957267

**Title: Context dependent search in interconnected hidden Markov model for unconstrained handwriting recognition**

Author: Oh, Se-Chang; Ha, Jin-Young; Kim, Jin-H.

Corporate Source: Korea Advanced Inst of Science and Technology, Taejon, S Korea

Source: Pattern Recognition v 28 n 11 Nov 1995. p 1693-1704

Publication Year: 1995

CODEN: PTNRA8 ISSN: 0031-3203

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); T; (Theoretical)

Journal Announcement: 9602W3

Abstract: **Viewing** a handwritten **word** as an alternating sequence of characters and ligatures, we proposed a circularly interconnected network of hidden Markov models to model handwritten English words of indefinite length. The recognition problem is then regarded as finding the most probable path in the network for a given input. For the search, Viterbi algorithm is applied with lexicon lookup. To overcome directional sensitivity of the path search, a back-tracking technique is employed that keeps plausible path candidates dynamically within limited storage space. (Author abstract) 16 Refs.

29/7/17 (Item 2 from file: 8)  
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04115128 E.I. No: EIP95032628898

**Title: Development of Toyota in-vehicle equipments for the VICS demonstration test**

Author: Sugimoto, Hironobu; Nojima, Akihiko; Suzuki, Takashi; Nakamura, Motohiro

Corporate Source: Toyota Motor Corp, Aichi, Jpn

Conference Title: Proceedings of the 1994 Vehicle Navigation and Information Systems Conference

Conference Location: Yokohama, Jpn Conference Date: 19940831-19940902

Sponsor: IEEE; Institute of Electrical Engineers of Japan; Society of Automotive Engineers of Japan Inc.

E.I. Conference No.: 42739

Source: Vehicle Navigation and Information Systems Conference 1994. IEEE, Piscataway, NJ, USA, 94CH35703. p 563-568

Publication Year: 1994

CODEN: 001982

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review); T; (Theoretical); X; (Experimental)

Journal Announcement: 9505W3

Abstract: Toyota's new design concept, features, and evaluation results of three types of in-vehicle equipments which were developed for the Vehicle Information and Communications Systems (VICS) demonstration test in Tokyo, Japan, are presented. The three types are navigation systems with **dynamic** route guidance, **pictorial** map **display** systems, and **text display** systems. Examples of their **displays** and their features are described. 5 Refs.

29/7/18 (Item 3 from file: 8)  
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01477720 E.I. Monthly No: EI8401001409 E.I. Yearly No: EI84022794

**Title: ANTI-ALIASING CHARACTERS DISPLAYED BY TEXT TERMINALS.**

Author: Gupta, S.; Sholtz, P.

Source: IBM Technical Disclosure Bulletin v 25 n 12 May 1983 p 6434-6436

Publication Year: 1983

CODEN: IBMTAA ISSN: 0018-8689

Language: ENGLISH

Journal Announcement: 8401

Abstract: This article presents a simple technique that improves the quality of **text displayed** on **text** terminals. The technique uses a single chip which can be inserted into the video output **stream** of such terminals. The output **image** is improved by the low pass filtering of the signal.

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DIALOG(R)File 8:Ei Compendex(R)  
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01440764 E.I. Monthly No: EIM8309-062734

Title: VISION II: A DYNAMIC RASTER-SCAN DISPLAY.  
Author: Rocchetti, Robert  
Corporate Source: Wizard Software, Chicago, Ill, USA  
Conference Title: AFIPS Conference Proceedings - 1981 National Computer Conference.  
Conference Location: Chicago, Ill, USA Conference Date: 19810504  
Sponsor: AFIPS, Arlington, Va, USA  
E.I. Conference No.: 02692  
Source: AFIPS Conference Proceedings v 50 1981. Publ by AFIPS Press, Arlington, Va, USA p 671-676  
Publication Year: 1981  
CODEN: AFPGBT ISSN: 0095-6880  
Language: English  
Document Type: PA; (Conference Paper)  
Journal Announcement: 8309

29/7/20 (Item 5 from file: 8)  
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00891535 E.I. Monthly No: EI8002010185 E.I. Yearly No: EI80014980  
Title: DIGITAL VIDEO DISPLAY SYSTEMS AND DYNAMIC GRAPHICS .  
Author: Baecker, Ronald  
Corporate Source: Univ of Toronto, Ont  
Source: Computer Graphics (ACM) v 13 n 2 Aug 1979, Proc of Annu Conf on Comput Graph and Interact Tech (SIGGRAPH '79), 6th, Chicago, Ill, Aug 8-10 1979 p 48-56  
Publication Year: 1979  
CODEN: CPGPBZ ISSN: 0097-8930  
Language: ENGLISH  
Journal Announcement: 8002  
Abstract: Most digital video display systems have been capable of producing only **text** or static imagery. This study **shows** that these limitations are not intrinsic to the technology, but are rather a direct consequence of the display system architecture. The study begins by summarizing some of the background required to understand digital video display systems. The state-of-the-art is then surveyed, supported by an extensive bibliography. Existing systems are described in terms of a methodology which clarifies the effect of system architecture on capabilities and performance. It is shown how **dynamic graphics** capabilities can be provided if systems adhere to one or the other of two possible architectures. Examples of such systems are presented. 72 refs.

29/7/21 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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04459661 Genuine Article#: TE668 Number of References: 28  
Title: RECOGNITION POTENTIAL LATENCY AND WORD IMAGE DEGRADATION  
Author(s): RUDELL AP; HUA J  
Corporate Source: SUNY HLTH SCI CTR, DEPT PHYSIOL, BOX 31, 450 CLARKSON AVE/BROOKLYN/NY/11203  
Journal: BRAIN AND LANGUAGE, 1995, V51, N2 (NOV), P229-241  
ISSN: 0093-934X  
Language: ENGLISH Document Type: ARTICLE  
Abstract: Ten subjects viewed a **stream** of meaningless background **images** in which English **words** occasionally **appeared**. A subject indicated detection of a word by lifting the index finger of the preferred hand. He received payment based on his performance. A computer program degraded half of the word images, removing a fraction of the lit pixels and replacing them with others that resembled the background images. The recognition potential (RP) was recorded from occipital electrodes. Degrading the word images increased the peak latency of the RP from 231 to 266 msec. The 35 msec difference was comparable to the 36 msec reaction time (RT) difference. At 395 and 431 msec, RT occurred about 165 msec after the RP peak. The results indicated the RP is closely

related to a recognition process. The study did not resolve whether it is concurrent with that process or immediately follows it. The RP's sensitivity to image degradation and its short latency make it unlikely that N2 and P3 are concurrent with the recognition process. (C) 1995 Academic Press, Inc.

29/7/22 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

02815103 Genuine Article#: MF831 Number of References: 71

Title: SYENITE NODULES AS A LONG-TERM RECORD OF MAGMATIC ACTIVITY IN  
AGUA-DE-PAO VOLCANO, SAO-MIGUEL, AZORES

Author(s): WIDOM E; GILL JB; SCHMINCKE HU

Corporate Source: CARNEGIE INST WASHINGTON, DEPT TERRESTRIAL MAGNETISM, 5241  
BROAD BRANCH RD NW/WASHINGTON//DC/20015; UNIV CALIF SANTA BARBARA, BOARD  
EARTH SCI/SANTA BARBARA//CA/93106; CHRISTIAN ALBRECHTS UNIV  
KIEL, GEOMAR/W-2300 KIEL 14//GERMANY/

Journal: JOURNAL OF PETROLOGY, 1993, V34, N5 (OCT), P929-953

ISSN: 0022-3530

Language: ENGLISH Document Type: ARTICLE

Abstract: Syenite nodules ejected during the Fogo A and Fogo C trachyte eruptions of Agua de Pao volcano, Sao Miguel, Azores, represent bulk liquid compositions resembling the more evolved Fogo A trachytes. Alteration due to the influx of a hydrous fluid has depleted the nodules in P2O5, Rb, U, Ba, and Sr, and increased the SiO2 content. The nodules can be broadly divided into three textural groups: (I) fresh, friable syenite with open miarolitic cavities and homogeneous sanidine; (III) dense syenite with exsolved alkali feldspar and no void space; (II) intermediate between (I) and (III), with small amounts of void space. U-series model ages range from < 10000 years to greater-than-or-equal-to years, suggesting that trachytic magmatism has occurred in Agua de Pao volcano for > 200 ka. The youngest nodules are from the textural group I and are cogenetic with the Fogo A trachytes, whereas those from groups II and III are xenoliths and possibly correlate with older volcanic events. A strong correlation of age with texture shows that with increasing age the nodules become cooler, lose their void space, and undergo granulation and recrystallization. Considerations of the fluid dynamic regimes in the magma chamber during crystallization of the nodules suggest that the bulk liquid composition nodules formed at the roof and/or upper walls of the magma chamber, where crystallization rates exceed the convection rate of residual liquid. We envision an onion-skin arrangement, with older syenite on the outside and young, cogenetic syenite on the inside in contact with the magma. Long cooling histories, continuous flux with hydrous fluids, and successive explosive eruptions cause the older syenite to evolve in composition and texture. Fragmentation of the roof and upper sidewalls during eruption can explain the occurrence of a range of nodule ages.

29/7/23 (Item 3 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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02673808 Genuine Article#: LV383 Number of References: 27

Title: ANOMALOUS PULSE DELAY IN MICROWAVE PROPAGATION - A PLAUSIBLE  
CONNECTION TO THE TUNNELING TIME

Author(s): RANFAGNI A; FABENI P; PAZZI GP; MUGNAI D

Corporate Source: CNR, IST RIC ONDE ELETTRROMAGNET, VIA PANCIATICH I 64/I-50127  
FLORENCE//ITALY/

Journal: PHYSICAL REVIEW E, 1993, V48, N2 (AUG), P1453-1460

ISSN: 1063-651X

Language: ENGLISH Document Type: ARTICLE

Abstract: Measures of pulse delay in microwave propagation, in open air and for short distances (not much greater than 1 m), were made by using launcher and receiver horns. When these are facing each other we observe a delay time corresponding to a speed equal to c while, if the



receiver horn is shifted or tilted with respect to the launcher horn, the delay time decreases **showing** a superluminal behavior. In other words the modulation phase shift, interpreted as a propagation time, turns out to be surprisingly smaller than the one relative to the light speed. This effect, which disappears for longer distances, is here interpreted on the basis of the existence of a special kind of evanescent waves (leaky waves). Just the presence of evanescent waves allows one to make a comparison with the tunneling processes where superluminal transport properties have been theoretically predicted.

29/7/24 (Item 4 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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02372227 Genuine Article#: KW490 Number of References: 42

Title: AMPHIBOLE-RICH POLYCRYSTALLINE CLOTS IN CALC-ALKALINE GRANITIC-ROCKS AND THEIR ENCLAVES

Author(s): CASTRO A; STEPHENS WE

Corporate Source: UNIV SEVILLA, DEPT GEOL & MINERIA/E-21819 LA RABIDA//SPAIN/; UNIV ST ANDREWS, DEPT GEOG & GEOL/ST ANDREWS KY16 9ST/FIFE/SCOTLAND/

Journal: CANADIAN MINERALOGIST, 1992, V30, DEC (DEC), P1093-1112

ISSN: 0008-4476

Language: ENGLISH Document Type: ARTICLE

Abstract: The presence of amphibole-rich polycrystalline aggregates (clots) of millimetric size is a widespread feature of calc-alkaline granitic rocks and related microgranular enclaves. A petrological study of these clots, including field relationships, textures, mineral chemistry, and compositional zoning has been carried out to constrain possible origins and petrogenetic significance. The two plutons chosen, the Quintana pluton in the Hercynian belt of Iberia and the Strontian pluton in the Caledonides of Scotland, differ in age and tectonic setting. In both, amphibole-rich clots are present in microgranular enclaves and in the host granitic rocks. The clots are generally zoned. The margin is rich in amphibole, but with significant proportions of biotite and plagioclase, normally intergrown with other minerals of the groundmass. The interior is dominantly composed of multiple crystals of amphibole in mutual contact **showing** a typical granoblastic **texture**. Individual crystals there **show** compositional zoning. In general terms, the core is actinolite, and the rim, magnesian hornblende. This 'reverse' zoning can be explained by a complex reaction with early pyroxene. This reaction probably took place in two stages, one producing magnesian hornblende in equilibrium with the melt, and the other producing actinolite in the solid state, from reaction of pyroxene armored by early hornblende. The origin of the pyroxene precursors to these amphibole clots is not well constrained by this study, but the prismatic form of these clots in the enclaves does suggest that those preserved in enclaves were originally idiomorphic magmatic phenocrysts, whereas those in the host granite could also have a restitic origin.

29/7/25 (Item 5 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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01171286 Genuine Article#: GB346 Number of References: 41

Title: PARALLEL PATHWAYS IN THE VISUAL-SYSTEM - THEIR ROLE IN PERCEPTION AT ISOLUMINANCE

Author(s): SCHILLER PH; LOGOTHETIS NK; CHARLES ER

Corporate Source: MIT, DEPT BRAIN & COGNIT SCI/CAMBRIDGE//MA/02139

Journal: NEUROPSYCHOLOGIA, 1991, V29, N6, P433-441

Language: ENGLISH Document Type: ARTICLE

Abstract: It has been proposed that the functions of the two major parallel channels of the primate visual system, the color-opponent and the broad-band, can be determined in psychophysical experiments by eliminating luminance but maintaining chrominance information

(isoluminance), since under such conditions the broad-band channel is believed to be silenced. To test this proposition we examined the visual functions of monkeys after blocking either of these channels and we also assessed the responses of neurons to isoluminant stimuli in the lateral geniculate nucleus. We **show** that color, **texture**, stereopsis and pattern perception in the absence of the color-opponent channel, and flicker and motion perception in the absence of the broad-band channel are compromised. Yet isoluminance functions for stereopsis and texture in the absence of the broad-band channel and for motion in the absence of the color-opponent channel are indistinguishable from normal. Our recordings show that the neuronal responses of the broad-band cells for isoluminant exchange of red and green lights are reduced but not eliminated and that the color-opponent cells also become similarly less responsive under these conditions. We conclude that perceptual losses at isoluminance are not specific for either channel.

29/7/26 (Item 6 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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01109342 Genuine Article#: FX970 Number of References: 205

**Title: EARLY VISION AND FOCAL ATTENTION**

Author(s): JULESZ B

Corporate Source: RUTGERS STATE UNIV,VIS RES LAB,KILMER CAMPUS/NEW  
BRUNSWICK//NJ/08903; CALTECH,DIV BIOL/PASADENA//CA/91125

Journal: REVIEWS OF MODERN PHYSICS, 1991, V63, N3, P735-772

Language: ENGLISH Document Type: REVIEW

Abstract: At the thirty-year anniversary of the introduction of the technique of computer-generated random-dot stereograms and random-dot cinematograms into psychology, the impact of the technique on brain research and on the study of artificial intelligence is reviewed. The main finding -that stereoscopic depth perception (stereopsis), motion perception, and preattentive texture discrimination are basically bottom-up processes, which occur without the help of the top-down processes of cognition and semantic memory - greatly simplifies the study of these processes of early vision and permits the linking of human perception with monkey neurophysiology. Particularly interesting are the unexpected findings that stereopsis (assumed to be local) is a global process, while texture discrimination (assumed to be a global process, governed by statistics) is local, based on some conspicuous local features ( **textons** ). It is **shown** that the top-down process of "shape (depth) from shading" does not affect stereopsis, and some of the models of machine vision are evaluated. The asymmetry effect of human texture discrimination is discussed, together with recent nonlinear spatial filter models and a novel extension of the texton theory that can cope with the asymmetry problem. This didactic review attempts to introduce the physicist to the field of psychobiology and its problems - including metascientific problems of brain research, problems of scientific creativity, the state of artificial intelligence research (including connectionist neural networks) aimed at modeling brain activity, and the fundamental role of focal attention in mental events.

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01367500 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.  
**DISCOURSE FUNCTIONS OF ADVERBIAL PLACEMENT IN ENGLISH: CLAUSE-INITIAL  
ADVERBIALS OF TIME AND PLACE IN NARRATIVES AND PROCEDURAL PLACE  
DESCRIPTIONS**

Author: VIRTANEN, TUIJA

Degree: FIL.DR

Year: 1993

Corporate Source/Institution: ABO AKADEMI (FINLAND) (0523)

Source: VOLUME 55/03-C OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 705. 395 PAGES  
ISBN: 952-9616-20-1  
Publisher: ABO AKADEMI UNIVERSITY PRESS, KASKISGATAN 2.C.14, SF-20700  
ABO, FINLAND

The thesis deals with discourse functions of adverbial placement in contemporary written English. The scope of the study is limited to clause-initial adverbials of time and place in narratives and procedural place descriptions.

The perspective from which adverbials are viewed in the study fundamentally differs from that used in most work done so far in the field. Adverbial placement is a topic frequently discussed in terms of sentence grammar, which, however, cannot fully account for the phenomenon. Adverbial placement is shown to be affected, and often determined, by factors working outside the particular clause or sentence in which the adverbial appears.

Evidence of underlying conflicts between sentence grammar and text, and further, between different textual and discursal forces are sought in the text, which is assumed to reflect the text producer's text strategy. A detailed analysis of a number of near-prototype texts shows that important textual and discursal motivations behind adverbial placement include text type, text strategies or text-strategic continuities, information dynamics, and experiential iconicity. Adverbial placement varies according to text type, and it is affected by the type of text-strategic continuity displayed on the textual surface. Text-strategic continuities create cohesion and coherence in the text. At the same time, their exponents, such as a chain of initially placed temporal or locative adverbials, segment the text into smaller units and indicate the hierarchy of text structure. Text-strategically important adverbials typically convey inferrable information--in line with their multifunctional role in the text. They may, however, have any information status, and this also seems to reflect the hierarchy of text structure.

A conceptual analysis of a number of central notions in the study of text and discourse is provided, and a text-typological model for the study of texts is outlined. The study thus also contributes more generally to our knowledge of text and discourse.

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01291459 ORDER NO: AAD93-12836  
FROM LANGUAGE TO MENTAL IMAGES TO EQUATIONS (PROBLEM SOLVING, COGNITION)  
Author: QIN, YULIN  
Degree: PH.D.  
Year: 1992  
Corporate Source/Institution: CARNEGIE-MELLON UNIVERSITY (0041)  
Source: VOLUME 54/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 530. 287 PAGES

Six subjects were asked to read and try to understand the first part of Einstein's 1905 paper on special relativity. On the basis of the diagrams drawn by the subjects while they read the text, their thinking aloud protocols, their responses to questions, and other observations, we have inferred the processes they used to understand the paper, and the role that mental images (mental representations) played in achieving the understanding.

In particular, we discuss the characteristics of the representations the subjects formed and the processes they used to form them, as well as the ways in which they derived or reached an understanding of the equations of relativity, using the mental images to assist them. From our analysis we infer that subjects translating the natural-language text into images are able to manipulate, control, and observe these representations to run simple "mental experiments," and by this means draw out the qualitative and quantitative implications of the text.

The mental representations appear to mediate between the initial natural language text and the final equations. In no case did any subject

achieve an understanding of the equations without using this kind of intermediate representation.

The major points are: (1) To "see" the dynamic processes described in the reading material, subjects needed to and could from their mental **images** to represent the **dynamic** processes; (2) **Image** -based and recognition-based problem solving processes: In the former, subjects solve the problem by searching two spaces: the image space (forming and watching images) and the algebra space (qualitative and quantitative reasoning); In the latter, subjects recognize the situation as similar or identical with a previous one; (3) Mental models and their influences on forming and watching mental images.

We have tested our models by checking subjects' behaviors in reading and understanding a new part of the reading material.

We have also built a computer model, named Imaging Einstein, to simulate the major processes of imagery-based problem solving, and to test our models. The results are very positive.

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01163316 ORDER NO: AADD--92649  
**ITERATED FUNCTION SYSTEMS, THE PARALLEL PROGRESSIVE SYNTHESIS OF FRACTAL  
TILING STRUCTURES, AND THEIR APPLICATIONS TO COMPUTER GRAPHICS**  
Author: HORN, ALASTAIR N.  
Degree: PH.D.  
Year: 1990  
Corporate Source/Institution: UNIVERSITY OF OXFORD (UNITED KINGDOM) (0405)  
Source: VOLUME 52/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 984. 175 PAGES

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We introduce a taxonomy of those fractals which may be partitioned into a number of tiles (regions), as fractal tiling structures (FTS's). FTS's may be usefully represented as associated iterated function systems (IFS's), which make explicit the mappings which take an FTS into its tiles.

We consider two FTS synthesis processes. We make explicit their implicit data parallelism, and design and implement novel and massively parallel algorithms on the distributed array processor (DAP). FTS synthesis processes proceed by way of progressive refinement. We show how by integration into the **graphics** pipeline, one may display a **stream** of highly detailed **images** of ever increasing quality over time.

Our thesis is that FTS's, IFS's and parallel implementations of their progressive synthesis processes find application in a diverse range of areas in computer graphics, most especially in interactive and real-time environments under time constraints. We argue our thesis by investigating and then implementing three important applications. Firstly, we introduce an interactive modelling and display system which encompasses both objects such as line segments, triangles, and simple curves and approximations to natural phenomena such as forests, fog and fire. Secondly, we demonstrate an interactive system for the design and **display** of models of highly **texture** terrain and for the generation of simple flight simulations. Thirdly, we consider the polynomial bases (eg. Bezier) on which parametric objects are defined, and present an interactive system for the manipulation and display of complex models as piecewise cubic curve segments and bi-cubic surface patches. ftn\*Research supported by the Science and Engineering Research Council and sponsored under a CASE studentship by Active Memory Technology Ltd, 65 Suttons Park Avenue, Reading RG6 1AZ.

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01121202 ORDER NO: AAD90-26191

# A GRAPH GRAMMAR APPROACH TO CONCURRENT PROGRAMMING

Author: GOERING, STEVEN KENT

Degree: PH.D.

Year: 1990

Corporate Source/Institution: UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN  
(0090)

ADVISER: SIMON M. KAPLAN

Source: VOLUME 51/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1922. 277 PAGES

We propose the use of graph grammars as a theory to organize programming of highly-concurrent systems. To understand the interactions among components of a concurrent system it is useful to visualize the system as dynamically changing graphs where the nodes represent concurrent components and the edges represent (the possibility of) interactions among them. Graph grammars are effective tools for translating this intuitive understanding of system behavior into formal specifications and executable concurrent programs.

We claim that the use of hybrid graphical/textual languages is an important way to effectively specify and clearly understand the dynamic behavior of concurrent systems. This is because the problem is divided into two parts, the graphical part of understanding object relationships and the textual part of understanding internal object behavior. We develop theory necessary to support this division of labor. Problems that are addressed include: modifying and using existing graph grammar theory to get a formal way to express and to reason **graphically** about the **dynamic** behavior of concurrent programs, fitting both text and graphics into a unified semantic framework and building real hybrid graphical/textual languages using the theory introduced.

In order to ground our ideas in the context of graph grammar research, we propose an algebraic model,  $\Delta$ -GRAMMARS, and give it a semantics.  $\Delta$ -GRAMMARS are reflective, concurrent and fair in production application, and incorporate a notion of Kleene star-like graph rewriting. The result is a powerful, but low-level paradigm for defining graph languages.

Existing semantics that try to take both textual and graphical elements into account are **text**-based. In contrast, we **show** how graphically-based semantics can be given using  $\Delta$ -GRAMMARS, and justify why this is useful. Such  $\Delta$ -semantics provides a coherent framework to consider both text and graphics.

Finally, using  $\Delta$ -semantics we give the definition of a higher-level programming language. The higher-level language includes facilities for graph rewriting, message passing (synchronous and asynchronous) and imperative style programming. The methods for defining and using these facilities that mix graphical and textual concepts are supported by the graph grammar and graphical semantics base that has been developed.

A tutorial introduction to graph grammars is also included.

29/7/31 (Item 5 from file: 35)

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1058773 ORDER NO: AAD89-10582

## SIMULATION-BASED UNDERSTANDING OF TEXTS ABOUT EQUIPMENT

Author: KSIEZYK, TOMASZ BARTLOMIEJ

Degree: PH.D.

Year: 1988

Corporate Source/Institution: NEW YORK UNIVERSITY (0146)

ADVISER: RALPH GRISHMAN

Source: VOLUME 50/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 248. 166 PAGES

This thesis presents a natural language understanding system, operating in the domain of equipment consisting of mechanical, hydraulic, and electrical elements. The task of the system is to analyze reports regarding the failure, diagnosis and repair of equipment. We argue that a

general knowledge of equipment is not sufficient for a full understanding of such reports. As an alternative, we propose a system which relies on a detailed simulation model to support language understanding. We describe the structure of the model and emphasize features specifically required for language understanding. We show how this model can be used in analyzing and determining the referents for complex noun phrases describing equipment parts. We outline the data structures used for concepts which are mentioned in the text but which have no permanent representation in the model, and explain how they are created during the text analysis. Similarly, we discuss the data structures for representing the facts conveyed by the text, and provide algorithms for translating text expressing facts into their representations. We point out the importance of identifying the implicit temporal and causal relations in the **text** and **show** how the simulation capabilities of the model support this task. We present a **dynamic graphical** interface which gives the user insight into the way the input has been understood by the system. Finally, we indicate how our system may be extended to facilitate dynamic (i.e. during the analysis of text) extensions to its data base, and to assist the user in entering new equipment models. Most aspects of the discussed system were implemented on a Symbolics Lisp machine.

29/7/32 (Item 6 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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692967 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.  
A VIEW OF SOURCE TEXT FOR DIVERSELY CONFIGURABLE SOFTWARE  
Author: CARGILL, THOMAS ALAN  
Degree: PH.D.  
Year: 1980  
Corporate Source/Institution: UNIVERSITY OF WATERLOO (CANADA) (1141)  
Source: VOLUME 41/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1021.

It is now accepted that ongoing maintenance activities account for a major proportion of overall software expenses. This phase of a product's lifetime calls for continued, complex interaction between the software's source text and its programmers.

Historically, in organizing large programs, the form of presentation of their source text to programmers has suffered in order that the presentation of their source text to language processors might be simplified. The **image** of source as a linear **stream** of text, arranged for input to translators, has taken precedence over its role as the realization of a design abstraction.

This problem is most readily observed when considering the variance exhibited by the source text of a single program. Source variation is the result of a demand to have variant configurations of software operate across a spectrum of environments, even if this was not anticipated initially. This leads to multiple versions of the components of the source which are sensitive to their environments.

The phenomenon of software variation will be perpetuated. As hardware costs continue to fall, even greater demands can be expected for flexible, portable systems.

Reading and modifying the source text of a program with many variants can be facilitated by an organization which emphasizes the abstract structure of the program rather than the individual instances of the program as they are implemented. A hierarchical source structure is proposed, which reflects primarily the logical design structure of the software under control. Commonality and variation from version to version of a system are then readily apparent. Because human comprehension motivates the organization of source under this regime, it is not possible to supply source immediately to existing language processors. The structure calls for an extraction mechanism to produce particular source instances for implementation. Although this introduces an additional, preparatory step in implementation, it provides a facility for viewing the source as a database from which any subset of interest can be extracted.

This proposal is defended by demonstrating its effectiveness in

practice. Successful experience with the management of the source of Thoth, a portable operating system, is described. Pragmatic issues arising out of the design of programming languages and file systems are addressed.

Other areas in which this view of source and its management would be beneficial are discussed.

29/7/33 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2001 Japan Science and Tech Corp(JST). All rts. reserv.

01318598 JICST ACCESSION NUMBER: 91A0554681 FILE SEGMENT: JICST-E

**Personal Computer Based System for History Research.**

HOSHINO SATOSHI (1)

(1) Kyoto Univ., Data Processing Center

Kyoto Daigaku Ogata Keisanki Senta Kenkyu Kaihatsubu Kenkyu Happyo

Hokokushu, 1990, NO.5, PAGE.100-119, FIG.10, REF.15

JOURNAL NUMBER: X0089AAE ISSN NO: 0912-2842

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.002+

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: This paper deals with the development of software for the research in Japanese history and its related areas by a personal computer-based system, which is equipped with an magneto-optical disc, a laser printer, a frame buffer, an image printer, and a RAM disc. Software for Japanese language processing commercially available are not always adequate for processing classic texts, and the development of software was necessary for the research in these areas. The system is capable of editing, printing and retrieving classic **texts**, and **scrolling geographic image displays**. Superimposing an old map or arbitrary comments on a map is possible. The author asserts that these facilities are useful for the research in Japanese history and its related areas. (author abst.)

29/7/34 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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01134211 JICST ACCESSION NUMBER: 90A0777855 FILE SEGMENT: JICST-E

**Development of an history research support system.**

HOSHINO SATOSHI (1)

(1) Kyoto Univ., Data Processing Center

Joho Shori Gakkai Kenkyu Hokoku, 1990, VOL.90,NO.34(CH-5), PAGE.5.7.1-5.7.8, FIG.7, REF.14

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.002+ 681.3:80

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: This paper deals with the development of software for the research in Japanese history and its related areas by an economical personal computer-based system. Software for Japanese language processing commercially available are not always adequate for processing classic texts, and the development of software is necessary for the research in these areas. The system is capable of editing, printing and retrieving classic **texts**, and **scrolling geographic image displays**. Superimposing an old map or arbitrary comments on a map is possible. The author asserts that these facilities are useful for the research in Japanese history and its related areas. (author abst.)

29/7/35 (Item 1 from file: 202)

DIALOG(R)File 202:Information Science Abs.  
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2302211

**F-TAS: a Full-Text Access System.**

Author(s): Prasso, M J; Gordon, M J; Mortland, B; Repka, A

Corporate Source: OCLC, Dublin, OH

Publication Date: 1988

Pages: 327-332

Conference Title: Proceedings of the National Online Meeting

Conference Location: New York, NY

Conference Date: May 10-12, 1988

Publisher: Learned Information, Inc.

Language: English

Place of Publication: United States

Document Type: Conference Paper

Record Type: Abstract

Journal Announcement: 2300

This paper describes a mouse-controlled, full-text access system (F-TAS) that integrates general interface design principles with the results of studies of perceiving and comprehending text. F-TAS is discussed within a framework of three categories of interface-design issues for full-text retrieval: 1) general interface issues, 2) perceptual issues relevant to reading, and 3) cognitive issues such as displaying paragraphs as "cognitive units." F-TAS users may access a document at the page or word(s) level. Pressing the left or right mouse button, respectively, pages forward or backward throughout the document. The middle mouse button can be used to select: 1) icons representing the first or last page of the document, 2) locations on a scrollbar relative to the first or last page, 3) icons to display the table of contents or the index, 4) page numbers from the table of contents or the index, or 5) bookmarks established by the user. At the word level, a user can use the mouse to select search terms from the **displayed text** or enter terms from the keyboard. The locations of paragraphs containing the search term(s) are indicated by **icons** displayed below the **scrollbar**, and special **icons** indicate whether the search term appears in the table of contents or index. These icons may be selected with the mouse to **display** the corresponding area of **text** with the search term(s) highlighted. A first-time user can use the system without training by reading the introductory help screen and requesting additional help screens if needed.

29/7/36 (Item 2 from file: 202)

DIALOG(R)File 202:Information Science Abs.

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2004955

**Printing with a data stream including merged graphic and alphanumeric data (Patent).**

Author(s): Karnes, R E , Jr; McCaskill, R.A.; Nguyen, K.D.

Patent Number(s): US 4555773

Publication Date: Nov 26, 1985

Language: English

Document Type: Patent

Record Type: Abstract

Journal Announcement: 2000

A word processing system having an interactive **display** terminal for displaying by character to be printed on a document and means for printing character by character on said document, the improvement comprising means for integrating into said data **stream**, data representative of **graphics**, means for converting said integrated graphics data into graphic characters whereby said graphics are also displayed through character generation, and means for applying the data in said data stream to said printing means whereby said alphanumeric and **graphic** characters represented by said data **stream** are printed character by character to provide a document having integrated alphanumeric and graphic information.



29/7/37 (Item 3 from file: 202)  
DIALOG(R)File 202:Information Science Abs.  
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1904388

**Mixed pitch display.**

Author(s): Cason, W C; Kuecker, W.A.; Stratton, S.D.  
Patent Number(s): US 4447888  
Publication Date: May 8, 1984  
Language: English  
Place of Publication: United States  
Document Type: Patent  
Record Type: Abstract  
Journal Announcement: 1900

Apparatus for indicating how a mixed pitch presentation of characters will appear on an output device capable of outputting mixed pitch characters, utilizing a display which displays fixed pitch characters, comprising: means for storing a mixed pitch unformatted data stream to be presented on the display, the data **stream** containing **graphic** characters and pitch data for each character, means for calculating in accordance with said pitch data the starting address for the left margin of each text line to be presented with respect to a fixed reference on said display, means for building a scale data stream representing a scale line on the display from the pitch data to provide a presentation of the pitch of characters to a user, means for building a text data stream representing a **text** presentation on the **display** from the graphic character data, a refresh buffer receiving both the scale data stream and the text data stream for generating an output of **text** lines on said **display**, said **text** lines having fixed size characters, and means responsive to movement of a cursor through said lines of text for updating the scale data stream from the pitch data for a cursored text line.

29/7/38 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00315818 93MW06-035

**Stickbear's Reading Room 2.2a**

Glorfeld, Jeff

Macworld, June 1, 1993, v10 n6 p166, 1 Page(s)

ISSN: 0741-8647

Company Name: Optimum Resource

Product Name: Stickybear's Reading Room

Presents a mixed review of Stickbear's Reading Room 2.2a (\$59.95), a reading skills game from Optimum Resource (803). The game requires a Macintosh Plus with 2MB RAM, System 6.0.7, and a hard drive. Designed for use by children aged four to eight, the program provides four modules. Word Bop is an arcade-style game in which the player shoots at **pictures** scrolling across the screen. When a **picture** is hit, its **word** replaces it. **Word Find displays** a sentence with one **word** missing over a picture and the player must choose the correct word for the picture from three presented. **Word Match displays** a **word** and six pictures or six words and a picture, and the player must match the word to the picture. Sentence Builder provides three nouns, three verb phrases, and three subjects and after one of each is chosen, the program pronounces it. The program is easy to use but weak in providing user feedback (i.e. Good Job!). (djd)

29/7/39 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00276167 92IW05-203

**Describe gets real with beefed up OS/2 version**

Picarille, Lisa

InfoWorld , May 18, 1992 , v14 n20 p1, 99, 2 Page(s)

ISSN: 0199-6649

Company Name: Describe

Product Name: DeScribe SE

Reports that Describe of Sacramento, CA is readying DeScribe SE v. 1.0 (\$495), a beefed up version of DeScribe 32, a 32-bit version of its OS/2 word processor. Says that both versions support the Workplace Shell and drag-and-drop capabilities of OS/2 2.0; and SE adds a customizable icon bar, new table features, draft and outline module, a document management facility, and features that **streamline** combining **text** and **graphics** . Includes one screen **display** . (jb)

**29/7/40 (Item 3 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00273872 92PX04-006

**Knowledge Adventure**

Fomby, Sue

PCM , April 1, 1992 , v9 n10 p22-23, 2 Page(s)

ISSN: 0747-0460

Company Name: Knowledge Adventure

Product Name: Knowledge Adventure

Presents a very favorable review of Knowledge Adventure (\$79.95), a history program from Knowledge Adventure Inc., La Crescenta, CA (818). The program requires 320K RAM, 7MB hard disk space, and an EGA or VGA monitor. A mouse, printer, and sound board are optional. The program contains information from 10 billion years B.C. to 2000 A.D. Each screen displays a picture of a photograph or drawing from the time period selected by the user, a globe which can be viewed from 100,000 light years to 100 miles, a time line which indicates the date of the **picture** , and a **scrollable text** window that describes what is **shown** in the picture window. Besides exploring the program by history, geography, or culture, six ''category'' buttons allow the user to choose Art, Science, Literature, Architecture, Music, and Nature. It is an ''invigorating'' program which also includes a user's guide to aid parents in using it with their children. Includes one screen display. (djd)

**29/7/41 (Item 4 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00202087 89MW10-007

**Accelerating 24-bit color**

Moran, Tom

Macworld , October 1, 1989 , v6 n10 p99, 1 Pages

ISSN: 0741-8647

Announces the Radius QuickColor Graphics Accelerator (\$795), a 24-bit, RISC-based, NuBus, color accelerator board, from Radius of San Jose, CA (408). It works with Radius Direct and GSC color display boards to produce block-mode transfer rates up to 27Mbps between NuBus boards. Notes that it also speeds up **text scrolling** , **image displays** , and window movement as well as allows existing 32-bit QuickDraw applications to run without modification. It will ship in July. Contains one photo. (lj)

**29/7/42 (Item 5 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00192754 89IW05-402

**Xerox will license its graphic interface**

Parker, Rachel

InfoWorld , May 29, 1989 , v11 n22 p6, 1 Pages

ISSN: 0199-6649

Reports Xerox's announcement to grant licenses for its graphic interface patents which includes portions of its Mesa operating system and **Viewpoint** applications. **Quotes** Xerox spokesman Peter Hawes as saying that ``license covers the entire look and feel of the Xerox **graphical** user interface, including **icons** , windows, **scroll** bars, and menu placement'' and that ``fees are tied to the number of screens in the licensees' products that incorporate Xerox materials.'' Implies that Xerox's market thrust comes rather late vis-a-vis competition. But suggests that with reasonable fees, prospective licensees may take to the Xerox system if only to avoid the risk of litigation - such as the ongoing Apple vs. Microsoft and HP suits, precisely in the graphics licensing arena. (jvt)

29/7/43 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00186607 89HC02-022

**MindWrite**

Hart, Roger

Home Office Computing , February 1, 1989 , v7 n2 p75-76, 2 Pages

ISSN: 0899-7373

Presents a favorable review of MindWrite v. 2.1 (\$195), a word processing program for the Macintosh 512KE, from Access Technology Inc. of Monterey, CA (800, 408). The program requires two 800K floppy disk drives and System 4.1 or higher. Its integrated outline facility makes organizing compositions easy. It allows opening up to 16 documents at a time, allows hiding **graphics** when editing text to speed **scrolling** , and has a spelling checker. The documentation is complete and well-organized, with a comprehensive index. MindWrite lacks the powerful formatting, indexing, and macro functions of high-end word processors, but is recommended for users with average **word** processing needs. Includes one screen **display** . (djd)  
?

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S3	1832795	TEXT? OR WORD? OR WRITE? OR WRITTEN OR WRITING? OR LETTER?
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8/3,K/1 (Item 1 from file: 108)  
DIALOG(R)File 108:AEROSPACE DATABASE  
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01725319 A88-21027

**Automated photointerpretation - A stereoscopic workstation**  
MASELLI, ARTHUR V.; SCARPACE, FRANK L.; KIEFER, RALPH W. (Wisconsin, University, Madison)

IN: American Society for Photogrammetry and Remote Sensing and ACSM, Annual Convention, Baltimore, MD, Mar. 29-Apr. 3, 1987, Technical Papers. Volume 1 (A88-21001 07-43). Falls Church, VA, American Society for Photogrammetry and Remote Sensing and ACSM, 1987, p. 245-254.

1987 20 REFS.

...These include **image** enhancement, **text** overlay, and automated **image** pan, **scroll**, zoom capability, and rapid information transfer rates from interpreted images to data bases...

8/3,K/2 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04399102 E.I. No: EIP96043116207

**Title: Prototype client/server application for biomedical text/image retrieval on the Internet**

Author: Long, L. Rodney; Berman, Lewis E.; Thoma, George R.

Corporate Source: Natl. Library of Medicine, Bethesda, MD, USA

Conference Title: Storage and Retrieval for Still Image and Video Databases IV

Conference Location: San Jose, CA, USA Conference Date: 19960201-19960202

E.I. Conference No.: 22496

Source: Proceedings of SPIE - The International Society for Optical Engineering v 2670 1996. Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA. p 362-372

Publication Year: 1996

CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-2044-1

Language: English

...Abstract: manager running at NLM. The result of a MIRS query is a display showing both **scrollable text** records and **scrollable images** returned for all of the 'hits' of the query. MIRS is designed as an information...

8/3,K/3 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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03790923 E.I. No: EIP94011196118

**Title: Integrating video into an application framework**

Author: Schnorf, Peter

Corporate Source: Canon Information Systems, Inc, Palo Alto, CA, USA

Conference Title: Proceedings of the 1st ACM International Conference on Multimedia

Conference Location: Anaheim, CA, USA Conference Date: 19930801-19930806

E.I. Conference No.: 19832

Source: Proc 1 ACM Int Conf Multimedia 1993. Publ by ACM, New York, NY, USA. p 411-417

Publication Year: 1993

ISBN: 0-89791-596-8

Language: English

...Abstract: processes. They may appear in any shape or number mixed with other visual objects in **scrollable** views, as building blocks in **graphics**

. editors, as **characters** in **text** editors, as items in list or pop-up menus, etc. Video objects support the full...

8/3,K/4 (Item 1 from file: 35)  
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01469805 ORDER NO: AADAA-I9606404  
**A COMPUTER-ASSISTED LEARNING PROGRAM FOR THE MACINTOSH COMPUTER ON THE TREATMENT OF AGGRESSIVE ADOLESCENTS AND ABUSED PARENTS (ABUSE, FAMILY THERAPY, AGGRESSION)**  
Author: GOLDSTEIN, BARBARA R.  
Degree: PH.D.  
Year: 1995  
Corporate Source/Institution: THE UNION INSTITUTE (1033)  
Source: VOLUME 56/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 6389. 101 PAGES

...Glossary. One can move straight through or navigate around the program by clicking on buttons, **words**, **symbols**, and **scrolls** to access information.

Case Consultation is available from the Main Menu. The user can obtain ...

8/3,K/5 (Item 2 from file: 35)  
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01437727 ORDER NO: AADAA-I9533688  
**NARRATIVE FRAMING IN HANDSCROLLS AND THE "TALE OF GENJI" SCROLLS (MURASAKI SHIKIBU, JAPAN)**  
Author: WATANABE, MASAKO  
Degree: PH.D.  
Year: 1995  
Corporate Source/Institution: COLUMBIA UNIVERSITY (0054)  
Source: VOLUME 56/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2022. 326 PAGES

...modes of narrative grammar in the handscroll format, such as the division of a long **scroll** into sections of **text** and **image**, the sequentiality of narrative, and the reciprocity between text and image.

8/3,K/6 (Item 3 from file: 35)  
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01376988 ORDER NO: AAD94-29194  
**PINCTOR ET PRESBITER: STRUCTURES OF MEANING IN GIOVANNI CANAVESIO'S PASSION CYCLE AT NOTRE-DAME DES FONTAINES, LA BRIGUE (1492). (VOLUMES I AND II) (CANAVESIO, GIOVANNI, ITALY, FRANCE)**  
Author: PLESCH, VERONIQUE  
Degree: PH.D.  
Year: 1994  
Corporate Source/Institution: PRINCETON UNIVERSITY (0181)  
Source: VOLUME 55/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1401. 439 PAGES

...the order of the scenes and their placement within the architectural and liturgical environment; the **iconography** of the depictions; the **textual** insertions (tituli, speech-**scrolls** and **labels**) which appear within the paintings and their relationship to the paintings; and the relationship the...

. 8/3,K/7 (Item 4 from file: 35)  
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1003229 ORDER NO: AAD84-28177

**"TALES OF GISHO AND GANGYO": EDITOR, ARTIST, AND AUDIENCE IN JAPANESE  
PICTURE SCROLLS**

Author: BROCK, KAREN LEE  
Degree: PH.D  
Year: 1984  
Corporate Source/Institution: PRINCETON UNIVERSITY (0181)  
Source: VOLUME 45/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2678. 695 PAGES

...the artist's identity, is the focus of Chapters 3 and 4. In "The  
Artist: Text Into Picture", the processes of scroll composition and  
scene-making are analyzed, and "Tales of Gisho and Gangyo" are found to...

8/3,K/8 (Item 5 from file: 35)  
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888531 ORDER NO: AAD85-16451

**AN EXODUS SCROLL FROM QUMRAN: THE TEXTUAL CHARACTER OF  
4Q(PALEO)EXOD('M), SCRIBAL PRACTICE, AND THE SAMARITAN TRADITION  
(PENTATEUCH, MASORECTIC TEXT, SEPTUAGINT, TEXT CRITICISM)**

Author: SANDERSON, JUDITH E.  
Degree: PH.D.  
Year: 1985  
Corporate Source/Institution: UNIVERSITY OF NOTRE DAME (0165)  
Source: VOLUME 46/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1667. 474 PAGES

**AN EXODUS SCROLL FROM QUMRAN: THE TEXTUAL CHARACTER OF  
4Q(PALEO)EXOD('M), SCRIBAL PRACTICE, AND THE SAMARITAN TRADITION  
(PENTATEUCH, MASORECTIC TEXT, SEPTUAGINT...**

8/3,K/9 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5503915 INSPEC Abstract Number: C9704-6130M-003

**Title: High-definition multimedia database system**

Author(s): Sagishima, N.; Mochizuki, T.; Harada, S.; Kawamoto, Y.  
Author Affiliation: SANYO Electric AV Syst. Co. Ltd., Japan  
Journal: Sanyo Technical Review vol.28, no.2 p.34-40  
Publisher: Sanken Electric Co,  
Publication Date: Oct. 1996 Country of Publication: Japan  
CODEN: STRVD8 ISSN: 0285-516X  
SICI: 0285-516X(199610)28:2L:34:HDMD;1-L  
Material Identity Number: H730-97001  
Language: Japanese  
Subfile: C  
Copyright 1997, IEE

...Abstract: the high-definition multimedia database system features  
easy-to-use interface, an intuitive search flow, scrolling, an  
enlargeable picture, multimedia information, hot-word links to related  
information, and a network coordinated database.

8/3,K/10 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
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5086918 INSPEC Abstract Number: C9512-7810C-054

**Title: Can/should eighth grade students design hypermedia courseware? A report on an IBM technology dissemination project**

Author(s): Hekmatpour, A.; Preston, S.

Author Affiliation: Manuf. Technol. Center, IBM Corp., Austin, TX, USA

Conference Title: Educational Multimedia and Hypermedia, 1995.  
Proceedings of ED-MEDIA 95 - World Conference on Educational Multimedia and Hypermedia p.306-11

Editor(s): Maurer, H.

Publisher: Assoc. Advancement of Comput. Educ, Charlottesville, VA, USA

Publication Date: 1995 Country of Publication: USA xiii+825 pp.

Conference Title: Proceedings of ED-MEDIA 95 - World Conference on Educational Multimedia on Hypermedia

Conference Date: 17-21 June 1995 Conference Location: Graz, Austria

Language: English

Subfile: C

Copyright 1995, IEE

...Abstract: During the test-drive, on average, students selected 9 hypertext links, 4 hypergraphic links, 5 **text** and 2 **picture scrolls**, spent about 40 seconds reading text, played at least one video clip, and gave at...

8/3,K/11 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5056539 INSPEC Abstract Number: C9511-6140D-005

**Title: VisSIM: a visual language for nonlinear dynamical simulation.**

Author(s): Darnell, P.A.

Author Affiliation: Visual Solutions Inc., Westford, MA, USA

Conference Title: Proceedings of the 1994 International Control Engineering Conference p.95-9

Publisher: Reed Exhibition Co, Stamford, CT, USA

Publication Date: 1994 Country of Publication: USA 288 pp.

Conference Title: Proceedings of International Control Engineering Conference and International Integrated Manufacturing

Conference Sponsor: Control Eng. Magazine; Nat. Assoc. Manuf

Conference Date: 14-16 March 1995 Conference Location: Chicago, IL, USA

Language: English

Subfile: C

Copyright 1995, IEE

...Abstract: a plot block, meter block, or digital display block. For annotation, VisSim provides single line **text labels** and **scrollable** sizeable comment blocks that can contain large blocks of text. To illustrate the presentation and...

8/3,K/12 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5026196

**Title: Extra! Live video makes PC news**

Author(s): Golden, K.

Journal: Wall Street & Technology vol.12, no.15 p.24-6

Publication Date: July 1995 Country of Publication: USA

CODEN: WSTEE5 ISSN: 1060-989X

Language: English

Subfile: D

Copyright 1995, IEE

...Abstract: box in a section of the PC screen, it doesn't disturb the ongoing price **tickers**, **graphics** and **text**-based news headlines running



across the screen. Also, most services provide alert systems to notify...

8/3,K/13 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03747108 INSPEC Abstract Number: C90073362

**Title:** Graphic precision: Controlling stimulus displays on IBM PC-compatible computers

Author(s): Paredes, D.R.; Miller, K.F.; Creeger, C.

Author Affiliation: Texas Univ., Austin, TX, USA

Journal: Behavior Research Methods, Instruments, & Computers vol.22, no.3 p.319-22

Publication Date: June 1990 Country of Publication: USA

CODEN: BRMCEW ISSN: 0743-3808

U.S. Copyright Clearance Center Code: 0743-3808/90/\$00.50+.10

Language: English

Subfile: C

...Abstract: of enhanced graphic adapters or video graphic arrays. A C-language program demonstrates (1) synchronous **scroll**-free displays achieved by **writing** alternating **images** to 'hidden' pages of video memory, (2) alternative techniques for erasing images, and (3) use...

8/3,K/14 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03299089 INSPEC Abstract Number: C89014783

**Title:** This is the way VGA functions. II. The VGA-BIOS

Author(s): Cebulla, H.

Journal: Mikrocomputer Zeitschrift no.11 p.101-10

Publication Date: Nov. 1988 Country of Publication: West Germany

CODEN: MDMZDL ISSN: 0720-4442

Language: German

Subfile: C

...Abstract: 1988). The main BIOS functions for the VGA are indicated. Additional functions, such as smooth **scrolling** of the **image** on the screen, are **written** by the programmer. This enhances the efficiency of the image control, while the functions are...

8/3,K/15 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03261730 INSPEC Abstract Number: C89002619

**Title:** High-level measurements (benchmarks)

Author(s): Quirk, K.

Author Affiliation: Totel Systems Inc., Westford, MA, USA

Journal: PC Tech Journal vol.6, no.9 p.54-5, 57, 59, 60-3

Publication Date: Sept. 1988 Country of Publication: USA

CODEN: PCTJEZ ISSN: 0738-0194

Language: English

Subfile: C

...Abstract: describes these benchmarks and provides full source and executable code on PCTECHline. The benchmarks measure **text scrolling**, windowing, **graphics**, CPU speed and memory, computational speed, and disk operations. To put the benchmarks into context...

8/3,K/16 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

.(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03208530 INSPEC Abstract Number: C88052884

**Title: The design and implementation of InterViews**

Author(s): Linton, M.A.; Calder, P.R.

Author Affiliation: Stanford Univ., CA, USA

Conference Title: USENIX Association C++ Workshop Proceedings p.256-67

Publisher: USENIX Assoc, Berkeley, CA, USA

Publication Date: 1987 Country of Publication: USA vi+468 pp.

Conference Sponsor: USENIX Assoc

Conference Date: 9-10 Nov. 1987 Conference Location: Santa Fe, NM, USA

Language: English

Subfile: C

...Abstract: protocol for combining several interactive behaviors. The InterViews library also provides common objects such as **text**, structured **graphics** objects, **scroll** bars, menus, and buttons. InterViews is written in C++ and runs on top of the...

8/3,K/17 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03163085 INSPEC Abstract Number: C88041242

**Title: Windows for workstations: a menu for multitasking**

Author(s): Alexander, T.; Steiner, A.; Stone, J.

Author Affiliation: Washington Univ., Seattle, WA, USA

Journal: ESD: The Electronic System Design Magazine vol.18, no.3 p.74-6, 78, 80

Publication Date: March 1988 Country of Publication: USA

CODEN: EESMEY ISSN: 0147-9245

Language: English

Subfile: C

...Abstract: can be separately moved, resized, hidden, deleted, and placed on top of others. Contents, whether **text** or **graphics**, can be **scrolled**, panned, and zoomed. For image processing, window-oriented interfaces present special advantages. Displayed in their...

8/3,K/18 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03160542 INSPEC Abstract Number: C88041407

**Title: Battle of the giants (DTP packages)**

Author(s): Dallas, K.

Journal: PC User no.76 p.20-2 suppl.

Publication Date: 15-31 March 1988 Country of Publication: UK

CODEN: PCUSDW ISSN: 0263-5720

Language: English

Subfile: C

...Abstract: Aldus PageMaker version 3. Advantages of PageMaker over Ventura are: sophisticated manipulation of colour and **graphics**, good **text** editing including automatic **scrolling** and the windows environment. Ventura features which are better than PageMaker's are: tagging of...

8/3,K/19 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02762074 INSPEC Abstract Number: C86056490

**Title: Move it! (Model 4 graphics)**

Author(s): Wolfskill, J.D.

Journal: 80 Micro p.62, 65-7  
Publication Date: Sept. 1986 Country of Publication: USA  
CODEN: EIGMDZ ISSN: 0744-7868  
Language: English  
Subfile: C

...Abstract: Framer lets you spice up Basic programs with windows, pull-down menus, vertical- and horizontal- **scrolling text**, and animated **graphics** sequences. By using the GET. and PUT. routines alternately, you can flip between screens, create...

8/3,K/20 (Item 12 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02372176 INSPEC Abstract Number: C85007456

**Title: Multiple micros distribute text and graphics functions (technical publishing)**

Author(s): Wulff, R.S.M.  
Author Affiliation: Qubix Graphics Syst., San Jose, CA, USA  
Journal: Computer Design vol.23, no.12 p.141-7  
Publication Date: 15 Oct. 1984 Country of Publication: USA  
CODEN: CMPDAM ISSN: 0010-4566  
Language: English  
Subfile: C

...Abstract: support the user interface, a special purpose graphics processor to handle realtime zooming, scanning and **scrolling**, and **text** and **graphics** which are integrated into the same data base. In a single integrated system developed by...

8/3,K/21 (Item 13 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02061887 INSPEC Abstract Number: C83024918

**Title: Scriptor: an Atari word processor**

Author(s): Brannon, C.  
Journal: Compute. Journal for Progressive Computing vol.5, no.4 p. 56-70  
Publication Date: April 1983 Country of Publication: USA  
CODEN: COMPER ISSN: 0194-357X  
Language: English  
Subfile: C

Abstract: Scriptor is an easy-to-use, full- **scrolling**, **character**-oriented, multifunction **word** processor, requiring an Atari 400/800 with a minimum of 32K of memory (40K recommended...

8/3,K/22 (Item 14 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

01737711 INSPEC Abstract Number: B81042697, C81029594

**Title: Shear control for scrolling displays**

Author(s): Gatrell, M.; Youmans, D.M.; Young, J.E.R.  
Author Affiliation: IBM Corp., Armonk, NY, USA  
Journal: IBM Technical Disclosure Bulletin vol.23, no.10 p.4737-8  
Publication Date: March 1981 Country of Publication: USA  
CODEN: IBMTAA ISSN: 0018-8689  
Language: English  
Subfile: B C

Abstract: **Scrolling** of **images** or blocks of **text** across a CRT

display screen incorporating a medium-to-long persistence phosphor leaves a trail...

8/3,K/23 (Item 15 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

01615130 INSPEC Abstract Number: C81002190

**Title: Video for AIM-65**

Author(s): Regge, H.-J.

Journal: Funkschau vol.52, no.19 p.97

Publication Date: 12 Sept. 1980 Country of Publication: West Germany

CODEN: FUSHA2 ISSN: 0016-2841

Language: German

Subfile: C

...Abstract: a programme recorded on a disc indicates cursor steering and sets lower case or capital **letters** or other **characters**. Software takes care of **scrolling** and of other functions of the cursor.

8/3,K/24 (Item 16 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

01604003 INSPEC Abstract Number: B80055460, C80035558

**Title: Itron VFDs become word processing displays**

Author(s): Nakamura, T.

Author Affiliation: Ise Electronics Corp., Mie, Japan

Journal: JEE (Journal of Electronic Engineering) vol.17, no.161 p.  
57-60

Publication Date: May 1980 Country of Publication: Japan

CODEN: JEENDL ISSN: 0385-4507

Language: English

Subfile: B C

...Abstract: as dot character display tubes to adapt to information equipment development, and are now becoming **character** and **text** displays. The author discusses **graphic** display and **scroll** display dot matrix VFDs as representative types.

8/3,K/25 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00424203 96PI05-259

**InterNotes: more than just a browser -- Lotus's solution for connecting business with the Internet**

Proffit, Brian

PC Magazine, May 28, 1996, v15 n10 p207-216, 3 Page(s)

ISSN: 0888-8507

Company Name: Lotus Development

Product Name: InterNotes

... Adds that while it has good graphics support, it does not support frames, tiled background **images**, blinking **text**, background **text**, and marquee **scrolling**. Notes that it allows the network administrator security control over access to Web pages. Also...

8/3,K/26 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00369195 94WN12-018

**Doc-To-Help 1.6: help is on the way for help**

Schindler, Paul E

Windows Magazine , December 1, 1994 , v5 n12 p186, 1 Page(s)

ISSN: 1060-1066

Company Name: WexTech Systems

Product Name: Doc-To-Help

... user-controllable install program. Features include support of 256-color bitmaps; the ability to place **graphics** behind **text** in both **scrolling** and nonscrolling areas; and the Navigator, which is an expandable and contractible outline of the...

**8/3,K/27 (Item 3 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00366726 94NM11-002

**Multimedia meets the Internet -- The web of Internet services is breaking the bandwidth bonds, moving beyond scrolling text to graphical interfaces, photos, music and...**

Stefanac, Suzanne

New Media , November 1, 1994 , v4 n11 p56-63, 7 Page(s)

ISSN: 1060-7188

... meets the Internet -- The web of Internet services is breaking the bandwidth bonds, moving beyond scrolling text to graphical interfaces, photos, music and.....

**8/3,K/28 (Item 4 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00357502 94MW08-031

**Not your father's BBS -- FirstClass systems: online services for the rest of us**

Pogue, David

Macworld , August 1, 1994 , v11 n8 p163-164, 2 Page(s)

ISSN: 0741-8647

Presents descriptions of four FirstClass electronic bulletin board systems. FirstClass, developed by SoftArc, replaces **scrolling text** with clickable customized **icons** and provides **text** in all sizes and colors and sound effects. FirstClass is also multitasking. The systems provide ...

**8/3,K/29 (Item 5 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00315818 93MW06-035

**Stickbear's Reading Room 2.2a**

Glorfeld, Jeff

Macworld , June 1, 1993 , v10 n6 p166, 1 Page(s)

ISSN: 0741-8647

Company Name: Optimum Resource

Product Name: Stickybear's Reading Room

... modules. Word Bop is an arcade-style game in which the player shoots at pictures **scrolling** across the screen. When a **picture** is hit, its **word** replaces it. Word Find displays a sentence with one word missing over a picture and...

**8/3,K/30 (Item 6 from file: 233)**

.DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00312504 93CO05-001

**Easy Windows Programming -- Windows Programming: As Easy As Pie**

Campbell, Tom

COMPUTE , May 1, 1993 , v15 n5 p44-50, 6 Page(s)

ISSN: 0194-357X

Company Name: Microsoft; Borland International

Product Name: Vision Basic; Access; ObjectVision

... Says that Visual Basic allows the user to create the interface of a program using **icons** , **text** boxes, and **scrolls** bars similar to Windows. It is called the most versatile and fun program of the...

8/3,K/31 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00273872 92PX04-006

**Knowledge Adventure**

Fomby, Sue

PCM , April 1, 1992 , v9 n10 p22-23, 2 Page(s)

ISSN: 0747-0460

Company Name: Knowledge Adventure

Product Name: Knowledge Adventure

...000 light years to 100 miles, a time line which indicates the date of the **picture** , and a **scrollable text** window that describes what is shown in the picture window. Besides exploring the program by...

8/3,K/32 (Item 8 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00227765 90NI10-004

**Message scroller -- Turn your Apple into an electronic message board**

Hodson, Alan A

Nibble , October 1, 1990 , v11 n10 p18-21, 4 Page(s)

ISSN: 0734-3795

Product Name: SCROLLER; MESSAGE.MAKER

Presents 2 Basic programs for Apple machines: Listing 1, called **SCROLLER** , displays 60 lines of eight-**character text** cycle; and Listing 2, MESSAGE.MAKER, used with SCROLLER, is run beforehand to create a ...

8/3,K/33 (Item 9 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00225060 90IW09-327

**Developers define own functions with Pro Compiler**

Brownstein, Mark

InfoWorld , September 24, 1990 , v12 n39 p20, 1 Pages

ISSN: 0199-6649

... s features, which were demonstrated at the company's developers' conference, include mouse support, multiple **scrolling text** windows, and **character** -based windowing. It also allows modification of Dbase IV's templates, and lets users take...

8/3,K/34 (Item 10 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00217471 90PK05-231

**Low-end laptops are ideal for light tasks Reviews**

Grossman, Evan O; Caton, Michael; Damore, Kelley; Tuscano, Susan  
PC WEEK , May 22, 1990 , v7 n20 p69, 72-73, 3 Pages  
ISSN: 0740-1604

... commendations on performance. Also presents a bar chart comparing performance speed in the fields of **text scrolling** , **graphics** , and CPU/sorting. (PAM)

**8/3,K/35 (Item 11 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00211057 90PG02-005

**In the works**

Grevstad, Eric  
Portable Computing , February 1, 1990 , v5 n2 p50-52, 2 Pages  
ISSN: 0890-3868

... key menu interface; can open eight files at once and show them in windows with **scroll** bars and dialog boxe **character** -based displays. The **word** processor is a simple, efficie miniature of Microsoft Word, and the spreadsheet resembles Says although...

**8/3,K/36 (Item 12 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00202087 89MW10-007

**Accelerating 24-bit color**

Moran, Tom  
Macworld , October 1, 1989 , v6 n10 p99, 1 Pages  
ISSN: 0741-8647

... mode transfer rates up to 27Mbps between NuBus boards. Notes that it also speeds up **text scrolling** , **image** displays, and window movement as well as allows existing 32-bit QuickDraw applications to run...

**8/3,K/37 (Item 13 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00196729 89PK07-108

**IBM's 486/25 Power Platform makes the mightiest PS/2**

Methvin, Dave; Strom, David  
PC WEEK , July 10, 1989 , v6 n27 p5, 1 Pages  
ISSN: 0740-1604

...it is compared to. Says it is slower compared to Compaq's 386/33 in **text scrolling** and **graphics** tests, which is traced to the Power Platform's 8-bit data path for video...

**8/3,K/38 (Item 14 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00196267 89MU07-035

**A new card in town**

Johnson, Laura

...and a hard disk for optimum use. Improvements over HyperCard include: color support; large, resizable, **scrolling** cards; color object **graphics**; **word** -level links; and database features. It is HyperCard-compatible. Contains one screen display. (1j)

8/3,K/39 (Item 15 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00186607 89HC02-022

**MindWrite**

Hart, Roger

Home Office Computing , February 1, 1989 , v7 n2 p75-76, 2 Pages

ISSN: 0899-7373

...organizing compositions easy. It allows opening up to 16 documents at a time, allows hiding **graphics** when editing **text** to speed **scrolling**, and has a spelling checker. The documentation is complete and well-organized, with a comprehensive...

8/3,K/40 (Item 16 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00151464 87AN09-004

**Mighty Mailer: Powerful, versatile, easy-to-use mailing lists**

Bate, Philip

ANTIC: The Atari Resource , Sep 1987 , v6 n5 p30-32, 65-67, 6 Pages

ISSN: 0745-2527

... name or address entry by using any part of the name or address, will print **labels**, envelopes and **letters**, allows **scrolling** and printing of specific records, allows easy editing, and allows building of bulk mailing lists...

8/3,K/41 (Item 17 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00128256 86YM09-023

**Move it! You don't need hi-res to add life to Model 4 Graphics**

Wolfskill, John D

80 Micro , Sep 1986 , n80 p62-67, 4 Pages

ISSN: 0744-7868

... that enables users to "spice BASIC programs with windows, pull-down menus, vertical- and horizontal- **scrolling text**, and animated **graphics** sequences". Notes that system requirements are TRSDOS 6.x and Disk Basic. Contains one table.

8/3,K/42 (Item 18 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00089596 8424333

**New letter scroll**

Devine, Robert

Nibble , Apr 1984 , v5 n4 p112-122, 8 pages

Presents Part VII of the **Graphics** Workshop. Tells how to **scroll**



text across the Apple II's Hi-Res screen using the techniques presented in earlier columns.

8/3,K/43 (Item 19 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2001 Info. Today Inc. All rts. reserv.

00080525 8405049

**Variables of computer screen display and how they affect learning**  
Hathaway, Michael  
Educational Technology , Jan 1984 , v24 n1 p7-11, 5 pages  
ISSN: 0013-1962

... in computer screen display and how they affect learning. Covers fatigue, density of displayed text, **scrolling** , upper vs. lower cases, **letter** size, **graphics** and more.

8/3,K/44 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2001 Japan Science and Tech Corp(JST). All rts. reserv.

03020923 JICST ACCESSION NUMBER: 96A0911336 FILE SEGMENT: JICST-E  
**Multimedia. High-definition Multimedia Database System.**  
SAGISHIMA NORIHIRO (1); MOCHIZUKI TERUFUMI (2); HARADA SHIGEKI (3);  
KAWAMOTO YOICHI (4)  
(1) San'yodenkiAVshisutemu; (2) San'yodenki AVShohinkaiken; (3) Sanyo  
Electric Co., Ltd.; (4)SANYO Electric Software Co., Ltd.  
Sanyo Tech Rev, 1996, VOL.28,NO.2, PAGE.34-40, FIG.9, REF.3  
JOURNAL NUMBER: F0222AAV ISSN NO: 0285-516X CODEN: STRVD  
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:061.68 681.3:621.397.3  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

...ABSTRACT: the high-definition multimedia database system features easy-to-use interface, an intuitive search flow, **scrolling** , an enlargeable **picture** , multimedia information, hot- **word** links to related information, and a network coordinated database. (author abst.)

8/3,K/45 (Item 2 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2001 Japan Science and Tech Corp(JST). All rts. reserv.

02792230 JICST ACCESSION NUMBER: 96A0576313 FILE SEGMENT: JICST-E  
**Eye-movement Characteristics in Reading Scrolling Text .**  
FUKUGAWA WATARU (1); HORII KEN (2); TOMODA YASUYUKI (2); KITAMURA YUTAKA  
(3)  
(1) Kansai Univ., Grad. Sch.; (2) Kansai Univ., Fac. of Eng.; (3)  
Kansaidaigaku Sogojohogakubu  
Nippon Ningen Kogakkai Kansai Shibu Taikai Koen Ronbunshu, 1995, VOL.1995,  
PAGE.5-8, FIG.7  
JOURNAL NUMBER: L2265AAK  
UNIVERSAL DECIMAL CLASSIFICATION: 681.51:007.51  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

**Eye-movement Characteristics in Reading Scrolling Text .**

8/3,K/46 (Item 3 from file: 94)  
DIALOG(R)File 94:JICST-EPlus

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01318598 JICST ACCESSION NUMBER: 91A0554681 FILE SEGMENT: JICST-E

**Personal Computer Based System for History Research.**

HOSHINO SATOSHI (1)

(1) Kyoto Univ., Data Processing Center

Kyoto Daigaku Ogata Keisanki Senta Kenkyu Kaihatsubu Kenkyu Happyo

Hokokushu, 1990, NO.5, PAGE.100-119, FIG.10, REF.15

JOURNAL NUMBER: X0089AAE ISSN NO: 0912-2842

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.002+

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: the research in these areas. The system is capable of editing, printing and retrieving classic **texts**, and **scrolling** geographic **image** displays. Superimposing an old map or arbitrary comments on a map is possible. The author...

8/3,K/47 (Item 4 from file: 94)

DIALOG(R)File 94:JICST-Eplus

(c)2001 Japan Science and Tech Corp(JST). All rts. reserv.

01134211 JICST ACCESSION NUMBER: 90A0777855 FILE SEGMENT: JICST-E

**Development of an history research support system.**

HOSHINO SATOSHI (1)

(1) Kyoto Univ., Data Processing Center

Joho Shori Gakkai Kenkyu Hokoku, 1990, VOL.90,NO.34(CH-5), PAGE.5.7.1-5.7.8, FIG.7, REF.14

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.002+ 681.3:80

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: the research in these areas. The system is capable of editing, printing and retrieving classic **texts**, and **scrolling** geographic **image** displays. Superimposing an old map or arbitrary comments on a map is possible. The author...

8/3,K/48 (Item 5 from file: 94)

DIALOG(R)File 94:JICST-Eplus

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00837138 JICST ACCESSION NUMBER: 89A0106116 FILE SEGMENT: JICST-E

**Multiple-window display LSI.**

NAKAMURA TAICHI (1); MAEJIMA TSUKASA (1)

(1) NTTDetatsushin

Gazo Denshi Gakkaishi(Journal of the Institute of Image Electronics Engineers of Japan), 1988, VOL.17,NO.5, PAGE.376-385, FIG.11, TBL.2, REF.12

JOURNAL NUMBER: S0815AAG ISSN NO: 0285-9831

UNIVERSAL DECIMAL CLASSIFICATION: 681.327.2 621.385:621.397

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: two newly developed LSI applied to the office workstation and obtained the following results, for **scroll** operation that are **writing** 40 **characters** per line in the 960\*700 rectangle window, moving 960\*660 rectangle area, clearing 960...

8/3,K/49 (Item 1 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

01454162

**Ultimate Investing**

Alison, David F

Barron's, p 30, col 4

Oct 7, 1991

ISSN: 0005-6073 NEWSPAPER CODE: BAR

DOCUMENT TYPE: Commentary; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: David F. Alison advocates the unusual method of picking stocks by combining **ticker symbols** to form **words**. Sunni Moslems, for example, might choose Sun and Nipsco Industries because their symbols put together...

File 256:SoftBase:Reviews,Companies&Prods. 85-2001/Nov

(c)2001 Info.Sources Inc

File 278:Microcomputer Software Guide 2001/Dec

(c) 2001 Reed Elsevier Inc.

Set	Items	Description
S1	27382	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	611	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	18245	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	21687	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	550	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	28	S4(3N)(CONCOMITANT? OR CONTEMPORAN? OR INCORPORAT?)
S7	8853	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSRAWL?
S8	4765	TEXTSCROLL? OR NEWSROLL? OR REALTIME? OR REAL()TIME
S9	4	S4(3N)CONTEMPORA?
S10	2287	S1-S2(3N)S3
S11	25	S10 AND (S5 OR S6 OR S9)
S12	5	S11 AND S7
S13	3	S11 AND S8
S14	7	S12-S13

14/7/1 (Item 1 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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01688215 DOCUMENT TYPE: Product

PRODUCT NAME: Envision-i (688215)

Vuent Inc (640956)

477 Potrero Ave

Sunnyvale, CA 94086 United States

TELEPHONE: (408) 481-1700

RECORD TYPE: Directory

CONTACT: Sales Department

Envision-i, the first **real - time**, visual collaborative-commerce software platform, allows users to **view**, **integrate** and link to existing rich media (graphics, data, audio, video, and so on) from anywhere within the extended enterprise. Envision-i provides between 10 and 20 times faster load times than traditional approaches. Based on Vuent's Intelligent **Streaming** (TM) engine, Envision-i allows multiple users, at different locations in the supply chain and extended enterprise, to instantly view, interrogate, and repurpose existing rich media and supporting data on a PC, regardless of connection bandwidth. With the ease of Web browsing from any desktop PC, multiple simultaneous users can concurrently share visual information central to the design and review process, throughout each stage of the product lifecycle--design, manufacturing, sales, marketing, and maintenance. Envision-i was designed from the ground up to work with, and on, the Web. Envision-i enables multiple data types and formats, including audio, video, hyperlinked documents, **graphics**, and **text** to be used by technical and nontechnical individuals. This visual system delivers a more compelling collaborative experience. Envision-i's efficient, responsive, responsive, and patented Intelligent **Streaming** technology eliminates the significant delays of traditional 'download and play' methods. By not downloading video or model information, Envision-i's unique approach ensures that data is always current, and security of proprietary information is maintained. There are no rogue videos or models sitting on

various desktops. The latest version is available on a server for everyone to view. Its patented network delivery technology scales to the enterprise, and 3D models of virtually unlimited size can be processed.

REVISION DATE: 000000

14/7/2 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00103113 DOCUMENT TYPE: Review

PRODUCT NAMES: I-DEAS Artisan Series Windows NT (663999)

TITLE: Solid Modeling Artisan Style  
AUTHOR: Rowe, Jeffrey  
SOURCE: Computer Graphics World, v20 n6 p81(2) Jun 1997  
ISSN: 0271-4159  
HOMEPAGE: <http://www.cgw.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

SDRC's SDRC I-DEAS Artisan Series, a new Windows NT-based solid modeling product, moves the product's markets into the group of users wanting a product with a UNIX-type metaphor. The interface and its movement away from the Windows design and Object Linking and Embedding (OLE) compliance is to be expected, because SDRC developed the I-DEAS Artisan product for engineering and 3D modeling, not as a Microsoft Office application. The I-DEAS Artisan Series interface offers useful **graphical** and **textual** feedback through four separate windows. The Graphics window is the real work surface that can hold between one and four **concurrent**, user-selected **views**; three orthogonal and one isometric view are allowed. The Command window holds menu options and three levels of icon groups for task, application, and display. The List window shows geometric and numerical information about the current part of the process under construction, where geometric relationships and constraints can always be seen. The List window is best used by expert users and can be enabled or disabled. The Prompt window helps users by prompting for information, features, and other details during the design process. SDRC's **Dynamic** Navigator is bundled with the product, and provides an active cursor tool that allows users to view and comprehend the effects of change on a model before the user makes the change final.

REVISION DATE: 20000830

14/7/3 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00101707 DOCUMENT TYPE: Review

PRODUCT NAMES: QwikQuote 4.5 Windows & Windows 95 (564338)

TITLE: Power for Your Sales Force  
AUTHOR: Abel, Amee  
SOURCE: Computer Shopper, v17 n6 p413(1) Jun 1997  
ISSN: 0886-0556  
HOMEPAGE: <http://www.computershopper.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

QuikQuote Development's QuikQuote 4.5, a product that automates writing a

sales bid, links to popular contact management packages, also imports data in widely used database formats, including dBASE 3, dBASE 4, FoxPro 2, FoxPro 2.5, and Microsoft Access. It also integrates and targets information so that sales representatives can close a sale. QuikQuote 4.5 combines all the details held in a database about products and services with accounting and graphics capabilities. It has a bare-bones, useful interface with which users can quickly get up to speed. Four views of information are provided: Quote, Layout, Product, and Detail. Product and Detail **views** operate in **tandem** to ensure that the sales force and customers are aware of the most recent information about products. In Product view, users import extant dBASE3 databases. The Detail **view** can **combine**, **graphics**, **text**, and even AVI video files to create an on-screen product list. If the product has a related disclaimer, Material Safety Data Sheet, or technical specification, QuikQuote allows the user to attach a specification sheet that prints automatically when the product is quoted. Users create a quote or invoice by **scrolling** a product list and choosing items needed. If a group of products or services is sold together often, users can define the products as Bundles and create prices and taxes for the Bundles.

REVISION DATE: 20010430

14/7/4 (Item 4 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00101518 DOCUMENT TYPE: Review

PRODUCT NAMES: Vayu Web 500 Virtual Design Studio (661724)

TITLE: Develop Automated Web Sites  
AUTHOR: Grace, Nicole  
SOURCE: Databased Web Advisor, v15 n5 p28(4) May 1997  
ISSN: 1090-6436  
HOMEPAGE: <http://www.advisor.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

Vayu Web's Vayu Web 500 Virtual Design Studio, and Single Web Site Building Kit and Six-Pack Web Site Building Kit options are innovative artificial intelligence products that redefine the browsing paradigm. Vayu Web 500 includes an AI optimizing engine, a mouse-driven, codeless development environment, and a developer-guided front end that provides a transparent multimedia presentation to nontechnical users. Web sites constructed with Vayu Web technology do not show **text** and **graphics** with hypertext, and do not allow users to freely navigate. Instead, Vayu-built Web sites are structured, automated presentations that allow creators to totally control what a surfer does on the site. Users choose a particular path by clicking on a button, while the Internet puts on a **show** of several pages **concurrently**. Those who do not like hypertext links and site navigation will find Vayu Web refreshingly restricted because neither technical nor nontechnical users need get bogged down in a morass of open links. Vayu Web accomplishes this by preloading and **dynamically** ordering content. Presentations are ordered on an ad hoc basis, according to user connection speeds. Presentations show **text** and some **graphics** at the beginning of the show, while more resource-intensive content is preloading in the background. This technique eliminates time lag and slow screen painting. Vayu Web's architecture, operation, and features represent a new age for the Internet, and they are described in some detail.

REVISION DATE: 20011130

14/7/5 (Item 5 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00099586 DOCUMENT TYPE: Review

PRODUCT NAMES: CorelDRAW Graphics Suite 6 for PowerMac (561339)

TITLE: CorelDraw 6 Suite  
AUTHOR: Priester, Gary W  
SOURCE: Publish, v11 n12 p39(2) Dec 1996  
ISSN: 0897-6007  
HOMEPAGE: <http://www.publish.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

Corel's CorelDRAW! Suite 6 for the PowerMac, a productive, fast graphics program, is rated very good overall. It provides just about every feature found in competing products, and some added unique features. Eight applications and utilities are included, such as Corel WordPerfect 3.5; CorelDream 3D 6 for modeling and rendering; CorelArtisan 6 for painting and image editing; and CorelTexture, a natural media generator. 1,000 Type 1 fonts and 1,000 Photo CD images are also provided. CorelDRAW!'s features, operation, and design are described. The spare screen layout has a **streamlined** but fully customizable toolbar. The standard toolbar has one button access to most File and Edit menu functions, but many other toolbars are nested. A color toolbar allows users to work in RGB, CMYK, HSV, HSB, LAB, YIQ, and gray-scale color space. Eight resizable color palettes are provided, including Pantone and Trumatch, or users can create their own custom palettes. The helpful object properties menu activated when Control and Shift are held down **together shows** context-sensitive options. All tools provided are easily accessible, and many support **dynamic** linking. Object fill types include flat color, PostScript, vector or bitmap patterns, fractal textures, and four types of fountain fills.

REVISION DATE: 20001130

14/7/6 (Item 6 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00076757 DOCUMENT TYPE: Review

PRODUCT NAMES: RenderWare (558672)

TITLE: RenderWare  
AUTHOR: Lemieux, Kenneth  
SOURCE: PC Techniques, v6 n1 p69(2) Apr/May 1995  
ISSN: 1053-6205

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

Criterion's RenderWare, a 3D rendering and animation library for C/C++, supports development of programs that perform **real - time** display and animation of **texture** -mapped 3D **images**. The product runs on DOS, Windows, Macintosh, PowerMac, Solaris, and Intel or PowerPC Windows NT. Objects created are hardware-neutral, and existing objects are convertible from DXF or 3D Studio formats to RenderWare format. RenderWare is easy to use, a cross-platform application programming interface (API) that manages most of the tasks associated with 3D graphics, including lighting, shading, and object creation (via script file or conversion). Game builders will like its speed (as long as a limited number of texture maps **appear** on the screen **together**) and intricate 3D graphics. Good game examples are included by the vendor, and in test a Gouraud-shaded spinning ball was working on-screen in less than 15 minutes.

REVISION DATE: 20001130

14/7/7 (Item 7 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00061495 DOCUMENT TYPE: Review

PRODUCT NAMES: ShowMe 2.0 (394874)

TITLE: SunSolutions' ShowMe 2.0  
AUTHOR: Staino, Patricia A  
SOURCE: Teleconnect, v12 n1 p46(2) Jan 1994  
ISSN: 0740-9354  
HOMEPAGE: <http://www.teleconnect.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

ShowMe 2.0, a SPARC desktop conferencing package, allows more than one user to **concurrently view** and modify **text** and **graphics** files in **real time**. The product shows the participants on the screen as well. The initiator places a call by clicking a screen prompt to start the conference. The ShowMe Whiteboard holds the document, diagram, or blank white space for discussion. Each participant can draw, write, and erase the displayed object. The product is a great time and money saver, since fast, accurate inter-participant communication is provided. Users who do not have ShowMe 2.0 installed can participate in a one-way conference, and an audio mute function preserves privacy. CD-ROM media, user manual, SunVideo board, video camera, and a single-user license are included.

REVISION DATE: 19990830  
?



Set	Items	Description
S1	27382	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	611	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	18245	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	21687	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	550	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	28	S4(3N)(CONCOMITANT? OR CONTEMPORAN? OR INCORPORAT?)
S7	8853	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSRAWL?
S8	4765	TEXTSCROLL? OR NEWSRAWL? OR REALTIME? OR REAL()TIME
S9	4	S4(3N)CONTEMPORA?
S10	2287	S1-S2(3N)S3
S11	25	S10 AND (S5 OR S6 OR S9)
S12	5	S11 AND S7
S13	3	S11 AND S8
S14	7	S12-S13
S15	222	S1(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECUR- ITIES OR INVESTMENT?)
S16	1	S15 AND S1-S2(10N)S3(5N)S4
S17	1	S16 NOT S14

?t17/7

17/7/1 (Item 1 from file: 256)  
 DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00091435 DOCUMENT TYPE: Review

PRODUCT NAMES: Automated Test Facility (381021)

TITLE: ATF  
 AUTHOR: Tabiatnejad, Lynn  
 SOURCE: Data Management Review (DM Review), v6 n4 p31(1) Apr 1996  
 ISSN: 1066-5498  
 HOMEPAGE: <http://www.dmreview.com>

RECORD TYPE: Review  
 REVIEW TYPE: Review  
 GRADE: A

Softbridge's Automated Testing Facility (ATF) is a program used by Software Test Process Automation to simulate multi-user actions for a bank teller application, two mutual fund **trading** applications, and two **image** /workflow applications. ATF includes an Executive component that requires an OS/2 machine which sends and monitors many test cases to many Agent components concurrently. Comparison test cases can easily be embedded in a tape during recording, and when an ATF data table is created, a tape can be used multiple times to change data input during playback. ATF takes bitmap **pictures** and can take Wintext **pictures**, **text** files **showing** the screen/window/control as conditions of software. Advantages of ATF include excellent, knowledgeable technical support; ease of use and learning; usability by casual programmers; a Control Aware mode for ensuring long tape life; and useful data tables for automation test case execution, creation, and maintenance.

REVISION DATE: 19971230  
 ?

Set	Items	Description
S1	27382	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	611	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	18245	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	21687	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	550	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	28	S4(3N)(CONCOMITANT? OR CONTEMPORAN? OR INCORPORAT?)
S7	8853	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL?
S8	4765	TEXTSCROLL? OR NEWSROLL? OR REALTIME? OR REAL()TIME
S9	4	S4(3N)CONTEMPORA?
S10	2287	S1-S2(3N)S3
S11	25	S10 AND (S5 OR S6 OR S9)
S12	5	S11 AND S7
S13	3	S11 AND S8
S14	7	S12-S13
S15	222	S1(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECUR- RITIES OR INVESTMENT?)
S16	1	S15 AND S1-S2(10N)S3(5N)S4
S17	1	S16 NOT S14
S18	5	S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECUR- RITIES OR INVESTMENT?)
S19	0	S18 AND S1-S2(10N)S3(5N)S4
S20	690	S1-S2(5N)S7-S8
S21	13	S20 AND (S5 OR S6 OR S9)
S22	12	S21 NOT (S14 OR S17)

22/7/1 (Item 1 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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01613193 DOCUMENT TYPE: Product

PRODUCT NAME: ER Mapper 6.2 (613193)

Earth Resource Mapping Inc (551368)  
4370 La Jolla Village Dr #900  
San Diego, CA 92122-1235 United States  
TELEPHONE: (619) 558-4709

RECORD TYPE: Directory

CONTACT: Sales Department

ER Mapper 6.2 from Earth Resource Mapping is an image processing tool that can be used with any type of data. It features color balancing and mosaicking wizards, orthorectification wizards, compression capabilities, and free GIS plug-ins. ER Mapper enables users to either build their own views or use its image display wizard to view their image files. They can then use the transform editor to edit their **images in real time**. ER Mapper can be customized to meet individual needs by using its C library and scripting language. Users can create maps and contours to enhance their image views. They can gather the best information possible from their images through functions such as point profiling, scattergrams, and traverse extraction. Additional functions include classifications, statistic reports, and fast Fourier transforms. After images have been created, edited, and processed, images can be saved, exported, or printed from any printer. The GIS plug-ins enable users to view algorithms with GIS data. ER Mapper is an easy-to-use tool that facilitates the process of accessing image data, quickly **viewing** it, **integrating** it as a mosaic with other data, extracting the most useful data possible, and easily

saving and printing the processed images.

REVISION DATE: 000000

22/7/2 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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01527564 DOCUMENT TYPE: Product

**PRODUCT NAME: ServerTrak for NetWare & SFT III (527564)**

INTRAK Inc (558711)  
9975 Business Park Ave #A  
San Diego, CA 92131 United States  
TELEPHONE: (858) 695-1900

RECORD TYPE: Directory

CONTACT: Sales Department

ServerTrak for NetWare & SFT III monitors more than 100 NetWare server performance-related activities, making data available for viewing and alarms at a Windows workstation anywhere in the network, in real time. Presentation is in full color, easy to use graphics including horizontal and vertical bar charts and **scrolling graphics**. **Viewing** multiple servers **simultaneously** is easy with point-and-click operation. The number of servers is constrained only by the processing power of the viewing workstation. The system maintains up to eight hours of short-term history of all monitored activities on a per server basis. Printing of both current and short-term history information is available on demand. Easy to install, the comprehensive HELP facility makes this system even easier. The software applies to any size NetWare environment and operates on one, some or all servers in the network. It is a fully integrated product that consists of a data gatherer (NLM) on the server and a data analyzer (retrieve, process, save, report and print) on the workstation.

REVISION DATE: 990712

22/7/3 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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01449733 DOCUMENT TYPE: Product

**PRODUCT NAME: WinDag (449733)**

DataQ Instruments Inc (512249)  
150 Springside Dr #B220  
Akron, OH 44333-2473 United States  
TELEPHONE: (330) 668-1444

RECORD TYPE: Directory

CONTACT: Sales Department

WinDag is data acquisition software that offers real-time display and disk streaming for the Windows environment. The real-time displays can operate in a smooth scroll or triggered sweep mode of operation and can be scaled to any unit of measure. Event markers allow users to annotate their data acquisition sessions with descriptive information as they are recording to disk. The unique multitasking feature allows faster productivity. Users can record waveform data to disk in the background while running any combination of programs in the foreground, including the Waveform Browser software, to review and analyze the waveform data as it is being stored. The system features: (1) a toolbox of icons to customize and setup a

recording session including variable parameters such as sample rate, channel settings, display mode, etc.; (2) records 240 channels and **displays** 32 at the **same time**; (3) automatic time and date stamping; (4) creates data files limited in length only by the disk size; (5) tailors sample rates on a per channel basis; (6) includes the Waveform Browser software; and (7) includes the WinDag/Lite software.

REVISION DATE: 981014

22/7/4 (Item 4 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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01351059 DOCUMENT TYPE: Product

**PRODUCT NAME: Keyfile 5.3 (351059)**

icomXpress (510505)  
22 Cotton Rd  
Nashua, NH 03063 United States  
TELEPHONE: (603) 883-3800

RECORD TYPE: Directory

CONTACT: Sales Department

Keyfile 5.3 provides full-function, client/server-based document management and workflow software for automating business processes. It enables users to electronically handle every office document by providing a complete tool for filing, retrieving, sharing, distributing and automating document management. The system's intuitive, object-oriented desktop environment provides a single coherent work space for all document-related tasks. Its integrated **dynamic graphical** workflow easily lets users design and build process workflows, and then monitor the progress of jobs through workflow assignments. Advanced document management features support **simultaneous** mark-up, **viewing** and access to shared documents (multiple aliases of a document can be stored in any number of folders, baskets, desktops or file cabinets). The multi-level version control lets users track multiple revision levels of any document and see who changed what document and when. Object-level security provides all the control needed to ensure the privacy of documents everywhere they are stored. Extensive markup and page manipulation functions allow users to add handwritten, typed, voice and sticky-note comments, as well as magnify, rotate and gray-scale pages for better viewing. The program works with virtually every kind of document including CAD, graphics, TIFF, ASCII and more than 80 processing and spreadsheet file types. An open API and compliance with industry standards, such as OLE and DDE, allow users to integrate the software into third-party applications. Subclassing allows users to customize the appearance, behavior and storage characteristics of its objects to accommodate their particular application and environment. Keyfile for IIS allows users to share documents across the Internet. The Keyfile 4.0 workspace integrates with the Windows desktop environment.

REVISION DATE: 010131

22/7/5 (Item 5 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

01014353 DOCUMENT TYPE: Product

**PRODUCT NAME: CA-EXPLORE for VM (014353)**

Computer Associates International Inc (081957)  
1 Computer Associates Plaza  
Islandia, NY 11749 United States

TELEPHONE: (631) 342-5224

RECORD TYPE: Directory

CONTACT: Sales Department

CA-EXPLORE for VM provides VM performance monitoring and management. It includes real-time and batch reporting facilities to enable VM data centers to track vital aspects of system activity. Real-time commands produce displays that use color and highlighting to help identify performance problems. The displays show the use of processor, memory, I/O subsystem and other real computing resources. Additional displays include degradation analysis of a virtual machine's critical resources, status of a virtual machine and DASD seek analysis. Diagnostic commands enable the user to display real storage, system symbol table entries and VM statistical counters. Control block displays are formatted with labels and comments. The performance thresholds warn the user of potential performance problems. The program includes a windowing feature that displays three different aspects of system activity **simultaneously**. The split screen **display** enables the user to view two performance reports at the same time. The Flashback facility provides a real-time method of looking at previously collected performance data. CA-PARAMOUNT/XP-ROCSView, a PC **graphics** component, displays a variety of **real - time** and Flashback data including device, channel, control unit, VMSTAT graphs and customized graphs. The history reporting facilities provide long term trend analysis. The user can plot more than 200 individual variables on a minute by minute or year-to-year basis. Additional features include DASD reporting, EMAP, DASD modeling and online help.

REVISION DATE: 010329

22/7/6 (Item 6 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00126209 DOCUMENT TYPE: Review

PRODUCT NAMES: QuickTime Pro Edition (706116); Microsoft Windows Media Encoder 7 (016047); RealProducer Plus 8 (786934)

TITLE: show: Delivering Streaming Video  
AUTHOR: Kaven, Oliver Carroll, Sean  
SOURCE: PC Magazine, v19 n17 p179(7) Oct 3, 2000  
ISSN: 0888-8509  
HOMEPAGE: <http://www.pcmag.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

Apple Computer's QuickTime Pro (with QuickTime 4.1.2 and QuickTime Streaming Server 2.0.1), Microsoft Windows Media Encoder 7 (with Microsoft Windows Media Player 7 and Microsoft Windows Media Services 7), and RealNetworks' RealProducer Plus 8 (with RealPlayer 8 Plus and RealServer Basic 7) are reviewed and compared streaming video delivery solutions. RealProducer Plus 8 and QuickTime get very good marks overall. However, RealProducer Plus 8, the editors' choice, surpasses QuickTime for integration, its player, and content creation. Categories tested and evaluated include setup and administration, integration, content creation, on-demand **streaming**, broadcast **streaming**, player, **picture** quality, and overall value and quality. Only RealProducer Plus 8 provides a bandwidth simulator for its encoding and authoring module, while Windows Media Encoder 7 is the only product that provides a still-image viewer for its player. Only QuickTime's player omits a fully scalable **view** window, an **integrated** jukebox, and a radio tuner. In the server module, QuickTime Streaming Server 2.0.1 also omits support for pay-per-view and encrypted streams, administrator ability to allocate stream capacity to users, and

Windows NT authentication support. RealPlayer also omits a fully scalable view window and is also not skinnable.

REVISION DATE: 20010730

22/7/7 (Item 7 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00119533 DOCUMENT TYPE: Review

PRODUCT NAMES: Shared Vision (777226)

TITLE: Broadband Enterprise Medical Image Sharing: Real - Time Consult with...

AUTHOR: Hindus, Leonard A

SOURCE: Advanced Imaging, v14 n7 p34(2) Jul 1999

ISSN: 1042-0711

HOME PAGE: <http://www.advancedimagingmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

ImageLabs's Shared Vision is a system in which images are transmitted over a T1 line to a Shared Vision workstation so doctors can review images and other patient information simultaneously and participate in a real-time consult. Another feature of the Shared Vision system is that the workstations can **simultaneously display** images from different modalities; in other words, X-Ray, ultrasound, nuclear medicine CAT scans, MRIs and PET scans can be **displayed** at the **same time** with the system synchronizing the images. The DICOM format that most electronic medical images use provides for several hundred attribute fields in the record header, and this header contains information about the patient, the diagnostic series, and even the image itself. DICOM does not standardize the header and ImageLabs uses the DICOM Conformance Statement required of each vendor to map DICOM images in a standard DICOM format. This lets the Shared Vision system display and synchronize multiple images from multiple modalities and multiple vendors at the same time.

REVISION DATE: 20000430

22/7/8 (Item 8 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00076144 DOCUMENT TYPE: Review

PRODUCT NAMES: EXPRESS (554588)

TITLE: Software runs, helps maintain two 1-MW solar generating plants

AUTHOR: Sprung, Gary

SOURCE: I&CS, v68 n2 p81(4) Feb 1995

ISSN: 1074-2328

HOME PAGE: <http://www.icsmagazine.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

A municipal utility district running photovoltaic generating plants requires a system that collects data and handles maintenance and support issues. The utility chose EXPRESS control system software running on the Intel 486 platform; EXPRESS is an industrial control, event-driven product that supports analysis of a control problem by breaking it into a hierarchical sequences of processes. Processes communicate via input/output

(I/O) and among themselves, using messages sent to and from receptors. When used with an Open Software Foundation (OSF) Distributed Computing Environment (DCE) Motif-type graphical user interface, EXPRESS provides user-controlled live and historical trending; alarm/exception reporting; a rule tracking/I/O exerciser; class-based **real - time** database; **graphical process displays**; **concurrent** and multiple vendor I/O system scanning; I/O and process simulation for development; and multiple remote terminal access with full graphics.

REVISION DATE: 20010926

22/7/9 (Item 9 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00066205 DOCUMENT TYPE: Review

PRODUCT NAMES: RFC (516848); CDP Arrow Mail (516856); ViewPoint Performance Analyzer (341967)

TITLE: DCA Adds Three More to Synergy Group  
AUTHOR: Stefani, Ron  
SOURCE: Unisys World, v15 n6 p4(1) Jun 1994  
ISSN: 0892-2845  
HOMEPAGE: <http://www.pcinews.com/pci>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Three new third-party integrators now offer products for the Synergy Partner Program initiated by Digital Communications Associates. CDP Arrow Mail is a module-based office automation product for A and V Series Unisys computers. It offers resource-conserving office automation menu functions that support e-mail, file transfer, directory services, routing, fax, and calendaring. RFC is a remote file and print control package that employs DOS to ease receipt, print, and sorting of files sent to a PC from a Unisys host mainframe. RFC has multitasking functions, allowing files and reports to be **displayed** on the screen **concurrently** with printing and receiving other files. ViewPoint Performance Analyzer is the premier Datametrics Systems product, providing PC **real - time graphics** performance analysis.

REVISION DATE: 20010730

22/7/10 (Item 10 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00065129 DOCUMENT TYPE: Review

PRODUCT NAMES: Advanced Turbo Browser (508811); OOgler (512893); ViewBase (300489); Picture Windows (515663); Picture Prowler (474835)

TITLE: Visual Browsers/Organizers Control Image Overload  
AUTHOR: Popovic, Mike  
SOURCE: Imaging Magazine, v3 n6 p100(4) Jun 1994  
ISSN: 1083-2912  
HOMEPAGE: <http://www.imagingmagazine.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Windows-based visual browsers and organizing products for graphics collectors are described. Turbo Browser allows the user to view images as

thumbnails, rather than opening each image to see it. All common graphics file formats are supported. Oogler views popular formats from the Open menu as an icon, or from File Manager. Oogler is quick and easy to use and handles just about all files from the drive/directory storage location. ViewBase supports most formats, along with word processing, spreadsheet, and database formats. More than one image can be opened **concurrently**, and **ViewBase** is recommended for viewing engineering drawings for editing, or for departments that work with many file formats. Picture Windows creates catalogs from Photo CD imported images by direct scanning or a batch selection process. Picture Prowler provides thumbnails and quick decompression for fast, **real - time**, full-screen **image** views.

REVISION DATE: 19990630

22/7/11 (Item 1 from file: 278)  
DIALOG(R)File 278:Microcomputer Software Guide  
(c) 2001 Reed Elsevier Inc. All rts. reserv.

0032135

0032135XX STATUS: ACTIVE ENTRY

**TITLE: The Dynamic Cell**

**AUTHOR:** Thomas Devlin; Michael Klymkowsky; Yuri Rochev; Michael Snyder; Martin W. Steer; Jonathan Widom

**RELEASE DATE:** 02/2000

**ANNOTATION:** Depicts the cell in a series of animated 3-dimensional scenes. By clicking with the mouse on structures within the scenes, "illustrated records" (pop-up screens) appear with animations, simulations, zoomed views, video clips or still pictures, accompanied by a short, descriptive text. A valuable supplement to any standard cell biology text, showing how all the various cell components fit together & giving a clearer picture of dynamic cellular processes.

**PUBLISHER:** Springer-Verlag New York, Incorporated; Spr-Verlag (0-387; 0-8176; 3-211; 3-540; 3-7908; 4-431; 1-85233)

22/7/12 (Item 2 from file: 278)  
DIALOG(R)File 278:Microcomputer Software Guide  
(c) 2001 Reed Elsevier Inc. All rts. reserv.

0024703

0024703XX STATUS: ACTIVE ENTRY

**TITLE: Chaotic Dynamics Workbench**

**AUTHOR:** Roger W. Rollins

**RELEASE DATE:** 1998

**ANNOTATION:** Perform interactive numerical experiments on complicated nonlinear systems without setting up or solving the underlying differential equations. There is strong emphasis on graphical presentation & direct, real-time interaction because the program displays it work live while it integrates the solution

**PUBLISHER:** Physics Academic Software; Physics Acad Sftwre (1-928550)



File 476:Financial Times Fulltext 1982-2002/Jan 04  
 (c) 2002 Financial Times Ltd  
 File 625:American Banker Publications 1981-2002/Jan 03  
 (c) 2002 American Banker  
 File 268:Banking Info Source 1981-2002/Dec W5  
 (c) 2002 ProQuest Info&Learning  
 File 626:Bond Buyer Full Text 1981-2002/Jan 03  
 (c) 2002 Bond Buyer  
 File 267:Finance & Banking Newsletters 2001/Dec 21  
 (c) 2001 The Dialog Corp.

Set	Items	Description
S1	131019	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	7606	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	909416	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	629867	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	4835	S4(3N) (TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W) (TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	754	S4(3N) (CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	66712	TICKER? OR SCROLL? OR TELEGRAPH?(2N) (INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL? OR TEXTSCROLL? OR NEWSROLL?
S8	7923	S1-S2(10N) (STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	3735	S1-S2(5N)S3
S10	9	S9(S)S5-S6
S11	2	S10(S)S7-S8
S12	2	RD (unique items)
S13	1	S12/1996:2002
S14	1	S12 NOT S13

14/3,K/1 (Item 1 from file: 476)  
 DIALOG(R)File 476:Financial Times Fulltext  
 (c) 2002 Financial Times Ltd. All rts. reserv.

0006009604 BOBECBBAA7FT

**Technology (Worth Watching):** Joint production by CD and TV

DELLA BRADSHAW

Financial Times, P 14

Friday, May 3, 1991

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 187

TEXT:

...TV and hi-fi system, the CDTV player - which resembles a traditional VCR player - can **display** a **combination** of colour **pictures**, **text** and graphs and can play stereo music or speech. A series of windows incorporated into...

...picture on the screen enables viewers to choose various routes or sources of information by **scrolling** up and down with a remote control device.

?

Set	Items	Description
S1	131019	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	7606	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	909416	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	629867	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	4835	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	754	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	66712	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL? OR TEXTSCROLL? OR NEWSROLL?
S8	7923	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	3735	S1-S2(5N)S3
S10	9	S9(S)S5-S6
S11	2	S10(S)S7-S8
S12	2	RD (unique items)
S13	1	S12/1996:2002
S14	1	S12 NOT S13
S15	13	S8(S)S1-S2(10N)S3(5N)S4
S16	13	RD (unique items)
S17	8	S16/1996:2002
S18	5	S16 NOT (S17 OR S11)

18/3,K/1 (Item 1 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2002 Financial Times Ltd. All rts. reserv.

0006530907 BOCAKAKACTFT  
**Arts: Guaranteed a Good Death - The Grim Reaper treated with respect**  
PATRICIA MORISON  
Financial Times, P XVIII  
Saturday, January 11, 1992  
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
Word Count: 966

...s office in the land. The anonymous early 17th-century artist has painted a memorable **image** of the Good Death of one 'of gentry **stock**'. Poor Thomas was only in his thirties when he died, and we see him hollow-eyed in his nightshirt, leaning against pillows covered in pious **texts** in English, Latin, and French - to **show** he had been no bumpkin.

The point of the **picture** was also to commend Thomas as one who had made the proper move in the...

18/3,K/2 (Item 2 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2002 Financial Times Ltd. All rts. reserv.

0006061930 BOBLRASAAFT  
**Survey of Software at Work (4): Quest Software - Supplier Profile**  
Financial Times, P IV  
Friday, December 13, 1991  
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
Word Count: 190

TEXT:  
...computer knowledge. It is a sales, purchase and nominal ledger system with invoicing, budgeting and **word** processing facilities. Additional modules include Paycheck for payroll and Stockcheck for **stock** control. Checkbook as **displays pictures** of documents, such as checks and invoices. It can handle 200 companies. It includes 600...

18/3,K/3 (Item 3 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2002 Financial Times Ltd. All rts. reserv.

0004534516 B08AYBWAAEFT  
UK News (Employment): Deunionisation Marches On - The annual rally marking  
the GCHQ ban  
PHILIP BASSETT  
Financial Times, P 8  
Monday, January 25, 1988  
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
Word Count: 565

...event.

Mr Norman Willis, TUC general secretary, told the rally the occasion was a  
splendid **showcase** for **trade** unionism, providing an attractive,  
responsible **image** of unions.

But his **words** and those of other union and Labour Party speakers were  
accompanied by constant, shouted abuse...

18/3,K/4 (Item 1 from file: 625)  
DIALOG(R)File 625:American Banker Publications  
(c) 2002 American Banker. All rts. reserv.

0055466  
**Technology Terms**  
American Banker - September 8, 1986; Pg. 29; Vol. 151, No. 175

TEXT:  
...such on-line data base systems as CompuServe and The Source." E  
mail is a **trade mark** of CompuServe.  
encryption: Scrambling. Encoding. It often is done automatically  
in the terminal or computer...Conn.  
teletext: One-way broadcast by radio, television signal, telephone  
or cable of pages of **text** and **graphics** that the **viewer** selects for  
**display**  
on a television screen using a decoder. See videotex.  
telex: A teletypewriter communication service. Telex...

18/3,K/5 (Item 2 from file: 625)  
DIALOG(R)File 625:American Banker Publications  
(c) 2002 American Banker. All rts. reserv.

0051992  
**Keep Tabs on Technology Terms**  
American Banker - May 12, 1986; Pg. 54; Vol. 151, No. 93

TEXT:  
... such on-line data base systems as CompuServe and The Source." E-mail is  
a  
**trade mark** of CompuServe.  
encryption: Scrambling. Encoding. It often is done automatically in  
the terminal or computer...Conn.  
teletext: One-way broadcast by radio, television signal, telephone  
or  
cable of pages of **text** and **graphics** that the **viewer** selects for  
**display** on a  
television screen using a decoder. See videotex.  
telex: A teletypewriter communication service. Telex...

?

Set	Items	Description
S1	131019	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	7606	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
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S8	7923	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	3735	S1-S2(5N)S3
S10	9	S9(S)S5-S6
S11	2	S10(S)S7-S8
S12	2	RD (unique items)
S13	1	S12/1996:2002
S14	1	S12 NOT S13
S15	13	S8(S)S1-S2(10N)S3(5N)S4
S16	13	RD (unique items)
S17	8	S16/1996:2002
S18	5	S16 NOT (S17 OR S11)
S19	444	S1-S2(5N)S7
S20	0	S19(S)S3(S)S5-S6
S21	18	S19(5N)S3
S22	0	S19(5N)S5-S6
S23	0	S19(S)S5-S6
S24	18	RD S21 (unique items)
S25	10	S24/1996:2002
S26	8	S24 NOT (S25 OR S11 OR S15)

26/3,K/1 (Item 1 from file: 476)

DIALOG(R)File 476:Financial Times Fulltext  
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0007507257 B0EEZDOADWFT

**Arts: An audacious 'Coriolanus' - Theatre**

ALASTAIR MACAULAY

Financial Times, P 23

Thursday, May 26, 1994

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 642

...republican talk that surrounds Coriolanus and his fellow-aristocrats.  
Banners around the theatre bear the words 'Liberty, Equality,  
Fraternity'. A key image is the stream of corn that pours from above  
into a locker beneath the stage, and which the...

26/3,K/2 (Item 2 from file: 476)

DIALOG(R)File 476:Financial Times Fulltext  
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0007058571 B0DJUC7AGAF

**International Company News : Bosses at Boral build a dynamic image -  
Nikki Tait examines the Australian group's flurry of activity that has  
pleased analysts**

NIKKI TAIT

Financial Times, P 32

Thursday, October 21, 1993

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 904

**International Company News : Bosses at Boral build a dynamic image -  
Nikki Tait examines the Australian group's flurry of activity that has  
pleased analysts**

26/3,K/3 (Item 3 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
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0004535579 B08LWBPAE7FT  
**Lockerbie Disaster: State Department Officials Among The Crash Casualties**  
JOEL KIBAZO  
Financial Times, P 6  
Friday, December 23, 1988  
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
Word Count: 349

...Louis D Boccardi, AP president and general manager, said that Mr Mulroy  
had guided the **streamlining** of international **news** and **picture**  
communications systems.

Hundreds of calls jammed switchboards at US bases in Britain on reports  
that...

26/3,K/4 (Item 4 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2002 Financial Times Ltd. All rts. reserv.

0003026054 B06KSBBAAFFT  
**Technology: Quick Scan Of The Fax Market / Facsimile transmission and  
modern communications**  
GEOFFREY CHARLISH  
Financial Times, P 15  
Thursday, January 24, 1985  
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
Word Count: 1,079

...scanned in horizontal lines by a photocell to turn the light and dark  
variations of **text** or **graphics** into a **stream** of corresponding,  
continuously varying electrical signals. The systems could deal with shades  
of grey but...

26/3,K/5 (Item 5 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2002 Financial Times Ltd. All rts. reserv.

0002524890 B0CB1BKABPFT  
**Technology: Software, Pg. 6 - Graphics program**  
Financial Times, P 21  
Wednesday, January 4, 1984  
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
Word Count: 118

TEXT:  
...10, the software is designed to take advantage of the terminal's  
abilities such as **dynamic graphics** which speed up **image** construction  
and allow pictures and **text** to be freely moved around the screen.

26/3,K/6 (Item 6 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2002 Financial Times Ltd. All rts. reserv.

0002518438 B0CBZCJABBFT

Technology: BT's digital link - COMMUNICATION

Financial Times, P 7

Friday, February 10, 1984

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 220

...developed by British Telecom in collaboration with six other European telecommunications authorities, which codes the **pictures**, **text** or **image** into a **stream** of digits. It also reduces the digital transmission capacity to 2m bits a second. This...

26/3,K/7 (Item 1 from file: 625)

DIALOG(R)File 625:American Banker Publications

(c) 2002 American Banker. All rts. reserv.

0037298

**Manufacturers' Report Tells an Allegorical Tale, With Bird Left to**

**Shareholders' Interpretations**

American Banker - March 27, 1985, Wednesday; Pg. 16

WORD COUNT: 1,051

BYLINE:

John P. Forde

TEXT:

... s standard annual document to shareholders. Inside, the reader finds a glossy table of contents, **text** peppered with interesting **graphics**, and photos of **dynamic**-looking people.

Preceding even the table of contents is a note initialed by the chairman

...

26/3,K/8 (Item 2 from file: 625)

DIALOG(R)File 625:American Banker Publications

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0030181

**Adtronics to Put Video Advertising In ATM Locations**

American Banker - July 18, 1984, Wednesday; Pg. 7

WORD COUNT: 192

TEXT:

... Y. Adtronics, a Promovision subsidiary, sells local and national advertising.

The video units support color **text** and **graphics**, and the messages continually **scroll** upward. Monthly advertising rates are about \$60 per screen of information. The video units have...

?

File 696:DIALOG Telecom. Newsletters 1995-2002/Jan 02  
(c) 2002 The Dialog Corp.  
File 9:Business & Industry(R) Jul/1994-2002/Dec 31  
(c) 2002 Resp. DB Svcs.  
File 15:ABI/Inform(R) 1971-2002/Jan 03  
(c) 2002 ProQuest Info&Learning  
File 141:Readers Guide 1983-2001/Nov  
(c) 2001 The HW Wilson Co  
File 484:Periodical Abs Plustext 1986-2002/Dec W5  
(c) 2002 ProQuest  
File 553:Wilson Bus. Abs. FullText 1982-2001/Nov  
(c) 2001 The HW Wilson Co  
File 608:KR/T Bus.News. 1992-2002/Jan 03  
(c)2002 Knight Ridder/Tribune Bus News  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 635:Business Dateline(R) 1985-2002/Jan 03  
(c) 2002 ProQuest Info&Learning  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 369:New Scientist 1994-2001/Dec W3  
(c) 2001 Reed Business Information Ltd.  
File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS  
File 20:Dialog Global Reporter 1997-2002/Jan 03  
(c) 2002 The Dialog Corp.  
File 16:Gale Group PROMT(R) 1990-2002/Jan 01  
(c) 2002 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2002/Jan 01  
(c) 2002 The Gale group  
File 148:Gale Group Trade & Industry DB 1976-2002/Jan 01  
(c)2002 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2001/Dec 27  
(c) 2001 The Gale Group  
File 570:Gale Group MARS(R) 1984-2002/Jan 01  
(c) 2002 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Jan 01  
(c) 2002 The Gale Group  
File 624:McGraw-Hill Publications 1985-2002/Jan 02  
(c) 2002 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2001/Dec 31  
(c) 2002 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2002/Jan 01  
(c) 2002 The Gale Group  
File 647:CMP Computer Fulltext 1988-2002/Dec W4  
(c) 2002 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2001/Dec W2  
(c) 2001 IDG Communications

Set	Items	Description
S1	6864175	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	378696	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	18676924	TEXT OR TEXTS OR TEXTUAL OR NEWS OR QUOTE OR QUOTES OR STO- CKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	15136863	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	232324	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT) OR COINSTANT? OR TANDE- M? OR COINCIDENT? OR ACCOMPAN?)
S6	36180	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	3057565	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSRAWL?
S8	3	TEXTSCROLL? OR NEWSRAWL?

S9 216348 S1-S2(3N)S3  
S10 1834 S9(S)S5-S6  
S11 128 S10(S)S7-S8  
S12 80 RD (unique items)  
S13 41 S12/1996:2002  
S14 39 S12 NOT S13  
?t14/3,k/all

14/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01107784 97-57178  
**Net Navigator shatters static Web pages**  
Crotty, Cameron  
Macworld v12n12 PP: 34-35 Dec 1995  
ISSN: 0741-8647 JRNL CODE: MAW  
WORD COUNT: 929

...TEXT: While previous HTML browsers require helper applications to handle data that's more complex than **text** or an **image** or two, users of Navigator 2.0 will interact with what Netscape calls Live Objects...

...s API. These viewers reside in folders on a user's hard drive and load **dynamically** to display multimedia content within the Navigator 2.0 window. Since the viewers load within Navigator, not as individual applications, several **viewers** can execute **simultaneously**, thanks to Navigator's use of the Thread Manager in the Mac OS. Depending on...

... number of window types and sizes, with or without extra controls to manipulate the data **stream**. In-line viewers that should be available at the final release of Navigator 2.0...

14/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00922345 95-71737  
**Limited font support hobbles WordPerfect Envoy**  
Gruman, Galen  
InfoWorld v16n41 PP: 110-115 Oct 10, 1994  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 2979

...TEXT: for text in a portable document.

Envoy offers fairly typical navigation tools: thumbnail views, page **scrolling**, and zoom. But its search facility is a little more sophisticated than most: It lets...

...and even embedded OLE objects. The only thing you can't do is search for **text** in PostScript **graphics** or search for font attributes in your text. You can also rearrange pages on your thumbnail **view** and **combine** pages between different Envoy documents. The wealth of navigation options is impressive.

The hypertext option...

14/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00745658 93-94879  
**Up-to-date and on-the-go without paper**  
Rosenberg, Jim  
Editor & Publisher v126n31 (Section 1) PP: 26-28 Jul 31, 1993



ISSN: 0013-094X JRNL CODE: EDP  
WORD COUNT: 1812

...TEXT: like a newspaper. Clicking on another icon calls up a story, which can then be **scrolled** in screenwide **display**. Story leads are **accompanied** by a thumbnail photo. Clicking on it, the user views a full-size, full-resolution color **picture**.

**News In Motion** currently downloads to 80386sx or better PCs running Windows 3.1, with at...

14/3,K/4 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00393904 88-10737  
**Executive Information Systems Make Life Easy for the Lucky Few**  
Jordan, Mary Lou  
Computerworld v22n9 PP: 51, 55-57 Feb 29, 1988  
ISSN: 0010-4841 JRNL CODE: COW

...ABSTRACT: issues. The most successful systems feature: 1. pull-down or pop-up menus, 2. integrated **text** and **graphics** that **appear together** on the screen, and 3. fast and easy on-off signing and printing. EIS allows ...

... provide manageable, actionable information to those who need it, according to Donald Zinn of Management **Dynamics**. Some of the benefits for those who implement an EIS are greater visibility, increased management...

14/3,K/5 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.

02354084 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Opening up photojournalism**  
Perlmutter, David D  
News Photographer (INPH), v50 n4, pVCQ9-VCQ11  
Apr 1995  
ISSN: 0199-2422 JOURNAL CODE: INPH  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2835 LENGTH: Long (31+ col inches)

TEXT:  
... with which audiences are familiar, wider cultural prejudices and assumptions, and the standardized practices of **news image** production. First, note that the female officer is in a contorted posture. Likewise, **contemporary** advertising often **shows** women bending, or expressing a body cant towards men as an expression of deference.(3...

...standards of news representation must be considered. The second picture is more visually interesting or **dynamic** than the first by the standards of photo-reportage, largely because of the more **dynamic** expressions and poses. Hence some of the requirements of accuracy may conflict with the concern...

14/3,K/6 (Item 2 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.

01914866 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Productivity choice: QmodemPro for Windows**  
Atkin, Denny  
Compute! (GCOE), v16 n5, p76-77, p.2

May 1994  
ISSN: 0194-357X JOURNAL CODE: GCOE  
DOCUMENT TYPE: Product Review-Favorable  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1271 LENGTH: Long (31+ col inches)

TEXT:

... numbers, an icon-based listing that looks just like a Windows program group, and a **combination view** which places **icons** next to the **text** listing. There's a search function that makes finding a BBS in a long list...

...and the number of times you've called. A nice touch is that, as you **scroll** left and right to view all of these entries, the name of the BBS doesn't **scroll** from column 1, so you always know which BBS entry you're viewing. If you...

14/3,K/7 (Item 3 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.

01792044 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Reviews: ECCO Professional

Lambert, J Blake

Compute! (GCOE), v16 n1, p138-140, p.2

Jan 1994

ISSN: 0194-357X JOURNAL CODE: GCOE  
DOCUMENT TYPE: Product Review-Favorable  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 571 LENGTH: Medium (10-30 col inches)

TEXT:

... too. This way you can have several methods of accessing the information later.

You can **view combinations** of a personal-organizer page and a spreadsheet, with a fixed column on the left and **scrolling** columns on the right for extra information. You can navigate quickly in the views, and you can search, sort, and filter the items. Items in any view can be **text** or **graphics**.

The Calendar View provides daily, weekly, and monthly displays and also contains the Tickler (to...

14/3,K/8 (Item 1 from file: 553)  
DIALOG(R)File 553:Wilson Bus. Abs. FullText  
(c) 2001 The HW Wilson Co. All rts. reserv.

03064451 H.W. WILSON RECORD NUMBER: BWBA95064451 (USE FORMAT 7 FOR FULLTEXT)

Editor & Publisher 1995 syndicate directory: 70th annual directory of syndicated services.

Editor & Publisher, the Fourth Estate (Ed Publ Fourth Estate) v. 128 sec2  
(July 29 '95) p. 28S-178S

LANGUAGE: English

WORD COUNT: 127439

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... CSTF

Rosencrans, Joyce -- Naturally Good

SHN

Rosenfeld, Stephen -- Stephen S. Rosenfeld

LAT-WP

Rosenkrantz, Linda -- **Contemporary** Collectibles

CNS

Rosenthal, A.M. -- Rosenthal Column (New York Times news Services)

NYT

Rosenthal, Harry...NAS

Wells, William -- Executive Suite

UFS

Westheimer, Dr. Ruth -- Ask Dr. Ruth  
 Westheimer, Julius -- **Ticker**, The  
 Westin, Tony -- Legally Speaking  
 Weston, Tom -- Computer User's Survival Column...PNS  
 News and Comment -- 5tw -700-800 -man/mail/ctc/fax -  
 Charles Hampton Savage  
**News** Features -- 2tw -800+/var -mail/DF/ctc -  
 Correspondents  
 \* News of Computers -- 1tw -var -orp...Tax Picture -- 1tw -var  
 -orp/mail/ctc/id/igp/disk/rom/  
 line/fax -Staff  
**Ticker**, The -- 1tw -var -DF -Julius Westheimer  
 Times of London -- 6tw -var -DF/ctc...

KFS  
 LAT-WP  
 SNS  
 CON  
 PNS  
 NAPS  
 LAT-WP

14/3,K/9 (Item 1 from file: 635)  
 DIALOG(R)File 635:Business Dateline(R)  
 (c) 2002 ProQuest Info&Learning. All rts. reserv.

0349907 92-98099  
**Objective Software Announces SpreadBase**  
 Forman, Ed  
 Business Wire (San Francisco, CA, US) s1 p1  
 PUBL DATE: 920727  
 WORD COUNT: 907  
 DATELINE: Palo Alto, CA, US

TEXT:

...Module facilitates conversion of data and formulas from existing spreadsheet files. The Report Publishing Module **integrates** SpreadBase **views** with **text** and **graphic** elements to create **dynamic**, multi-page reports, which automatically reflect changes in data views.

Guy Kawasaki, author, software expert...

14/3,K/10 (Item 1 from file: 16)  
 DIALOG(R)File 16:Gale Group PROMT(R)  
 (c) 2002 The Gale Group. All rts. reserv.

02633915 Supplier Number: 43505839 (USE FORMAT 7 FOR FULLTEXT)  
**OBJECTIVE SOFTWARE SHIPS SPREADBASE 1.0**  
 News Release, p1  
 Dec 7, 1992  
 Language: English Record Type: Fulltext  
 Document Type: Magazine/Journal; Trade  
 Word Count: 1031

... for converting data and formulas from existing spreadsheet files; and a Report Publishing Module which **integrates** SpreadBase **views** with **text** and **graphic** elements to create **dynamic** multi-page reports. Over 150 math, financial, statistical, date-time, and other functions are available...

14/3,K/11 (Item 2 from file: 16)  
 DIALOG(R)File 16:Gale Group PROMT(R)  
 (c) 2002 The Gale Group. All rts. reserv.

02463939 Supplier Number: 43249089 (USE FORMAT 7 FOR FULLTEXT)  
**PIXEL SEMICONDUCTOR LAUNCHES FULL MOTION VIDEO CHIP SET FOR AT, MICRO CHANNEL PERSONAL COMPUTERS**  
 Computergram International, n1993, pN/A  
 August 25, 1992  
 Language: English Record Type: Fulltext  
 Document Type: Newswire; Trade

- 375, Pulse or Digital Communications, various subclasses for generic pulse or digital communication systems.
- 377, Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems, various subclasses for generic circuits for pulse counting.
- 379, Telephonic Communications, various subclasses for two-way electrical communication of intelligible audio information of arbitrary content over a link including an electrical conductor. In addition, search subclasses 112+ for a computer controlled telephone charge determining arrangement; subclass 284 for a processor controlled central switching arrangement.
- 380, Cryptography, subclasses 3+ for stored information access or copy prevention (e.g., software program protection or computer virus detection) in combination with data encryption, and subclasses 22 through 25 for electric signal modification with record carrier, computer, electronic funds transfer, user or record actuated authentication.
- 382, Image Analysis, appropriate subclasses for operations performed on image data with the aim of measuring a characteristic of an image, detecting variations, detecting structures, or transforming the image data, and for procedures for analyzing and categorizing patterns present in image data.
- 395, Information Processing System Organization, subclasses 1, and 3 through 99 for artificial intelligence including a neural net, and robot control; subclasses 180+ for reliability and availability in a digital data processing system; subclasses 200.01+ multicomputer data transferring.
- 434, Education and Demonstration, subclasses 107 through 110, 219+ and 306 for education or demonstration of business or economics, occupations and voting, subclasses 322+ for question or problem eliciting response.

- 704, Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression, subclasses 231+ for a speech recognition system.
- 707, Data Processing - Database and File Management, Data Structures, or Document Processing, subclasses 1+ for database accessing, subclasses 100+ for data structure, subclasses 200+ for database maintenance, and subclasses 500+ for document processing even if the document is claimed to be a "business form".
- 902, Electronic Funds Transfer, for art collections including a detail of a security measure, an ATM machine, a terminal or an identifier used in an electronic funds transfer.

## SUBCLASSES

### 1. AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT:

Subject matter under the class definition wherein an electrical apparatus and its corresponding methods perform the data processing operations, in which there is a significant change in the data or for performing calculation operations wherein the apparatus or method is uniquely designed for or utilized in the practice, administration, or management of an enterprise, or in the processing of financial data.

- (1) Note. The term "arrangement" as used in this and its indented subclasses refers to either a device or to a method of use of a device for performing the indicated process. Further, a device may be an assemblage of components at a single location or may have its several components at geographically distinct locations, i.e., a network.
- (2) Note. The term "enterprise" as used in this and its indented subclasses is intended to include governmental and nonprofit organizations, as well as conventional business organizations.

- (3) Note. The arrangements in this and its indented subclasses are generally used for problems relating to administration of an organization, commodities, financial transactions, or recreation.
- (4) Note. Mere designation of an arrangement as a "business machine" or a document as a "business form" or "business chart" without any particular business function will not cause classification in this or its indented subclasses.

**SEARCH CLASS:**

- 235, Registers, subclasses 379 through 383 and 385 for a system having a detail of a record-sensing device in combination with a system utilized for banking, determining credit or maintaining an inventory, and having no more than a nominal recitation of a computer or data processing arrangement. Note that a nominally claimed record or card sensor is considered to be a peripheral of the data processing system.
- 364, Electrical Computers and Data Processing Systems, subclasses 400+ for a device which either controls the processing of, or is responsive to a physical or mechanical condition of a product or material.
- 379, Telephonic Communications, subclasses 112+ for a computer controlled telephone charge determining arrangement; subclass 284 for a processor controlled central switching arrangement.

**2. Health care management (e.g., record management, ICDA billing):**

Subject matter under subclass 1 drawn to a computer implemented system or method particularly adapted for a health care management or delivery organization.

- (1) Note. The terms "medical" and "health care" are intended to cover all type of treatment or diagnosis of the human

body, such as dentistry, podiatry, pharmaceuticals, etc.

- (2) Note. The term "particularly adapted" refers to having an element peculiar to a health care system. Incidental use of a business arrangement of general utility, in a health care environment will not be classified in this or its indented subclasses.

- (3) Note. Billing systems based on entered medical codes, for example, ICDA codes (International Classification of Diseases Abstracted), are included herein.

**3. Patient record management:**

Subject matter under subclass 2 wherein the system processes the records of diagnosis or treatment of a patient.

- (1) Note. Included herein is processing the records of diagnosis or treatment as contrasted to processing information to obtain the diagnosis or treatment, which processing is classified elsewhere.

**4. Insurance (e.g., computer implemented system or method for writing insurance policy, processing insurance claim, etc.):**

Subject matter under subclass 1 drawn to a computer implemented system or method for writing an insurance policy or processing an insurance claim.

- (1) Note. Included herein is a system for administering an insurance backed security, investment or credit card.

**5. Reservation, check-in, or booking display for reserved space:**

Subject matter under subclass 1 drawn to a computerized record keeping system for recording allocation of space in advance of use (e.g., airplane, train or concert reservation).

- (1) Note. The term "space" is intended to include seating.

707, Data Processing – Database and File Management, Data Structures, or Document Processing, subclasses 503+ for a system including a spreadsheet not limited to accounting.

31. **Tax preparation or submission:**  
Subject matter under subclass 30 drawn to a computerized arrangement for determining or submitting a tax or tax form to a governmental entity.

32. **Time accounting (time and attendance, monitoring billable hours):**  
Subject matter under subclass 30 for analysis or allocation of hours either (1) worked by an individual, or (2) utilized by and billable to an individual or other entity.

**SEARCH THIS CLASS, SUBCLASS:**

11, for job performance analysis, computing quantities additional to attendance (e.g., productivity).

**SEARCH CLASS:**

364, Electrical Computers and Data Processing Systems, subclass 143 for time responsive control in a plural processor controller arrangement.

368, Horology, Time Measuring Systems or Devices, appropriate subclasses for time responsive control of general utility.

33. **Checkbook balancing, updating or printing arrangement:**

Subject matter under subclass 30 including an arrangement for attaching a data processing device to a checkbook, which processes transaction data to verify, or carry forward, the checkbook balance, or to print a check, upon to entry of an account transaction.

**SEARCH CLASS:**

364, Electrical Computers and Data Processing Systems, subclass 705.02 for a checkbook attached digital calculator, in which the transaction information is limited to the date or transaction amount.

34. **Bill preparation:**  
Subject matter under subclass 30 including an arrangement for generating a notice of payment due.

35. **Finance (e.g., banking, investment or credit):**  
Subject matter under subclass 1 drawn to a computerized arrangement for planning the disposition or use of funds or securities, or extension of credit.

**SEARCH CLASS:**

186, Merchandising, for a banking structural arrangement.

235, Registers, subclass 379 for record-sensing devices in combination with a system that maintain financial accounts; i.e., a banking system; and subclass 380 for a system that includes the ascertaining of credit.

707, Data Processing – Database and File Management, Data Structures, or Document Processing, subclasses 503+ for a system including a spreadsheet not limited to accounting.

36. **Portfolio selection, planning or analysis:**  
Subject matter under subclass 35 drawn to a computerized arrangement for planning the selection or evaluation of securities or other investments for a single entity.

(1) Note. The term “entity” refers to an individual or other legally recognized body.

37. **Trading, matching, or bidding:**  
Subject matter under subclass 35 including the trading or exchange of securities or commodities within an organized system.

(1) Note. This subclass includes distribution of services or products (e.g., utilities, heating, etc.) in a building by an “auction” or bidding system.

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Processor and CL-PX2080 MediaDAC chip. The two integrated circuits process and display multiple **streams** of full-motion video for personal computer and video teleconferencing applications. The CL-PX2070 and CL-PX2080 hold information in digital format enabling users to add and overlay **graphics** and **text**, video in sequences, edit between single or multiple **streams** of video, and to display this data in multiple windows in real time. The CL-PX2070 enables the capture, storage, processing, and routing of multiple independent **streams** of full-motion video. It can receive different data types from video devices and from...  
...it to receive data from many sources. With memory capacity of up to 8Mb of **dynamic** or video RAM, the CL-PX2070 stores multiple sources of data for editing applications, while...

...create substitute pixels and to remove noise and redundant data. The CL-PX2080 mixes and **simultaneously displays graphics** with multiple independent **streams** of live video, the company says. Interfacing with the video memory of the CL-PX2070...

14/3,K/12 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04280532 SUPPLIER NUMBER: 14732037 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
ECCO professional. (personal information manager) (Software Review)  
(Evaluation)

Lambert, J. Blake  
Compute, v16, n1, p138(2)  
Jan, 1994

DOCUMENT TYPE: Evaluation ISSN: 0194-357X LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 497 LINE COUNT: 00049

... ts, others change, too. This way you can have, several methods of access to the files, and format them later.

You can view **combinations** of a personal-organizer page as a spreadsheet, at a fixed column on the left and **scrollable columns** on the right for extra formatting. You can navigate quickly in the views, and you can search, sort, and filter the items. Items in any view can be **text** or **graphics**.

Yes, Calendar View provides a daily, a weekly, and a monthly display and also contains the Tickler (to-do list). You can...

14/3,K/13 (Item 2 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04080135 SUPPLIER NUMBER: 15157235 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
QmodemPro for Windows. (Software Review) (Evaluation)

Atkin, Denny  
Compute, v16, n5, p76(2)  
May, 1994

DOCUMENT TYPE: Evaluation ISSN: 0194-357X LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1367 LINE COUNT: 00103

... of numbers, an icon-based listing that looks just like a Windows program group, and a **combination view** which places **icons** next to the **text** listing. There's a search function that makes finding a BBS in a long list...

...and the number of times you've called. A nice touch is that, as you **scroll** left and right to view all of these entries, the name of the BBS

doesn't **scroll** from column 1, so you always know which BBS entry you're viewing. If you...

14/3,K/14 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03898960 SUPPLIER NUMBER: 13828086 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**TDS Numerica introduces front end software to streamline online searching.**  
(Technical Database Services Inc.) (Brief Article)  
Online, v17, n3, p83(1)  
May, 1993  
DOCUMENT TYPE: Brief Article ISSN: 0146-5422 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 128 LINE COUNT: 00011

TEXT:

...autologon to TDS Numerica; flexible logon set up for telecommunications to other online hosts; Tektronix **graphics** and **text** mode emulation; **graphics** printing; rapid display of structure drawings online; text capturing facilities; online text **scrolling** ; **simultaneous** text **display** /printing; and help screens. The introductory price for NumeriComm is \$275 per copy, including full...

14/3,K/15 (Item 4 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03888949 SUPPLIER NUMBER: 13782205 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**At last: XyWrite 4.0 arrives with power. (The Technology Group Inc.'s word processing software package) (Software Review) (Evaluation)**  
Ross, Randy  
PC World, v11, n5, p82(1)  
May, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0737-8939 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 398 LINE COUNT: 00031

... use features.

On the performance end, the new product supports expanded memory, which means faster **scrolling** through large documents. Other niceties include a multilevel undelete buffer that makes it easy to...

...or paragraph-transpose feature that you invoke by pressing the tilde and specific number keys **together** .

A WYSIWYG **view** option borrowed from Signature takes the guesswork out of formatting text and documents. This feature...

14/3,K/16 (Item 5 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03610465 SUPPLIER NUMBER: 10957512 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**MiniFinders. (buyer's guide to Apple Macintosh hardware and software)**  
(buyers guide)  
MacUser, v7, n8, p135(49)  
August, 1991  
DOCUMENT TYPE: buyers guide ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 80288 LINE COUNT: 06476

... worked out, the program's main drawback are its unusual interface and difficult handling of **scrolling** text. Version 3.04 reviewed. Mac Plus or later (hard drive recommended). \$99.95. CompuServe...4

File Force is a relational-database manager. Script editor provides a



graphic way to **view** database file structures, establish file relations, and access layouts. Excellent documentation. Version 1.0.1...

14/3,K/17 (Item 6 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03378014 SUPPLIER NUMBER: 07946050 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
VP-Expert/SQL builds expert systems, leverages existing data files.  
(Software Review) (from Paperback Software International) (evaluation)  
Shaw, Richard Hale  
PC Magazine, v9, n1, p43(1)  
Jan 16, 1990  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 927 LINE COUNT: 00073

... that three sets of file-handling commands are two too many, and the product's **display** commands lack **integration**. Other vendors have developed text-mode technology for **dynamic** windows, buttons, gauges, and hypertext. Why not have one set of commands that operates in both **text** and **graphics** modes? With those touches, the program could become an excellent tool for developing full-blown...

14/3,K/18 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

06116954 SUPPLIER NUMBER: 12545996 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Teleconferencing invades the desktop. (Pixel Semiconductor Inc.'s CL-PX2070 Video Processor and CL-PX2080 MediaDAC) (Product Announcement)  
Leonard, Milt  
Electronic Design, v40, n16, p47(4)  
August 6, 1992  
DOCUMENT TYPE: Product Announcement ISSN: 0013-4872 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2094 LINE COUNT: 00165

... performs logical and tagging operations on RGB and 8-bit pseudocolor (generated by computer graphics) **streams**, and performs arithmetic, logical, and tagging operations for [YC.sub.b][C.sub.r] video **streams**. Like most other VPU units, the ALU contains dual processon. Only one operation can be...

...an image between video windows, while odd fields could be programmed to logically mix a **text** or **graphics** window with either of two video windows controlled by a mask window. To the user, these two operations would **appear** to be **simultaneous**.

The VPU's OPU has window-clipping and 2:1 X-axis zoom capabilities.  
The...

14/3,K/19 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

04558073 SUPPLIER NUMBER: 08888045 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Multimedia CD-ROMs: a perspective. (CD-ROM Extended Architecture)  
Desmarais, Norman  
CD-ROM Librarian, v5, n3, p10(2)  
March, 1990  
ISSN: 0893-9934 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 749 LINE COUNT: 00059

... may play in a "static" mode at the same time as another must play in " **dynamic** " mode, such as an image **displayed** on the screen

accompanied by audio (music and/or narration) or **text** accompanied by **graphics** and audio.

Problems

Retrieval of several types of data simultaneously presents a problem.  
Some must...

14/3,K/20 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

04517193 SUPPLIER NUMBER: 08527139 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Tools for producing multimedia CD-ROMs.**  
Desmarais, Norman  
Laserdisk Professional, v3, n2, p53(3)  
March, 1990  
ISSN: 0896-4149 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2242 LINE COUNT: 00178

... may play in a "static" mode at the same time as another must play in " **dynamic** " mode such as an image **displayed** on the screen **accompanied** by audio (music and/or narration) or **text** accompanied by **graphics** and audio.

PROBLEMS

Retrieval of several types of data simultaneously presents a problem.  
Some must...

14/3,K/21 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

03929442 SUPPLIER NUMBER: 07755147 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Direct Marketing software guide. (guide for software packages for marketing)**  
Rose, Matthew; Castellano, Brenda; Di Bella, Lori  
Direct Marketing, v52, n2, p53(23)  
June, 1989  
ISSN: 0012-3188 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 21429 LINE COUNT: 01876

... Marketing's demographic, economic and geographic databases.  
Software modules allow users to access, retrieve, analyze, **integrate** and **display** database information in various reporting, charting and mapping formats. Program can analyze the demographic composition...

...installations. Price: Available upon request. Desk Top Publishing:  
CRICKET COLORPAINT Cricket Software, Inc., 40 Valley **Stream** Pkwy.,  
Malvern, PA 19355 (Est. 1985) 215/889-1950 Package features: ColorPaint 1.0 is...Publishing: CRICKET DRAW Package features: Cricket Draw 1.1.1 provides powerful capabilities for manipulating **text** and **graphics** in an object-oriented drawing environment. User interface makes it easy to create complex PostScript...

14/3,K/22 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

02173204  
**ENVOS LAUNCHES XEROX PARC-DEVELOPED SOFTWARE ENVIRONMENT THAT TURNS HYPERTEXT INTO A TRUE INFORMATION-ANALYSIS TOOL**  
News Release April 5, 1989 p. 1

... and a licensee of NoteCards technology, Envos NoteCards is a feature-rich software environment for **streamlining** the organization and manipulation of large amounts of textual data in scientific, technical, medical, and...

... fully support the capture, organization, analysis, and communication of information. Among its capabilities are powerful **text** and **graphics** editors for creating onscreen "notecards" of whole documents; facilities for creating bidirectional, semantic links between...

... associate the ideas or facts contained therein; overlapping windows so that multiple notecards can be **viewed concurrently**; a "browsing" feature that enables users to view and manipulate the entire card network; and...

14/3,K/23 (Item 2 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

02060910

**AMD INTRODUCES HIGH-PERFORMANCE INDUSTRY-STANDARD CMOS COLOUR PALETTE**  
News Release August 21, 1988 p. 1

...use in systems with AMD's Am95C60 Quad Pixel Dataflow Manager (QPDM) and with video **dynamic** RAMs. Graphics systems designed around these devices can support displays up to 1280 x 1024 pixels and can **simultaneously display** 259 colours out of a palette of 16.8 million colours. The Am81C458 was specifically...

... dissipation of 1.0W. With pixel rates up to 125MHz, the device supports high-resolution **graphics** displays.

Full **text** available on PTS New Product Announcements.

...

14/3,K/24 (Item 3 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

02031911

**AMD INTRODUCES HIGH-PERFORMANCE, INDUSTRY-STANDARD CMOS COLOR PALETTE**  
News Release August 2, 1988 p. 1

...use in systems with AMD's Am95C60 Quad Pixel Dataflow Manager (QPDM) and with video **dynamic** RAMs. Graphics systems designed around these devices can support displays up to 1280 x 1024 pixels and can **simultaneously display** 259 colors out of a palette of 16.8 million colors. The Am81C458 was specifically...

... dissipation of 1.0W. With pixel rates up to 125MHz, the device supports high-resolution **graphics** displays.

Full **text** available on PTS New Product Announcements.

...

14/3,K/25 (Item 4 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01793103

**WESTWARD 3200 AND 3300 SERIES GRAPHICS WORKSTATIONS NOW AVAILABLE FROM GENISCO PERIPHERAL SYSTEMS**  
News Release August 26, 1987 p. 1

... non-interlaced 19-inch displays is due to the company's use of advanced raster **display** techniques. These **combine** high scan rates, where the picture is redrawn nearly 60 times a second, with Westward...

... 3200W also features an optional DEC VT100-emulating text memory that allows text to be **scrolled** and displayed independently of the graphics in 80 or 132 column format. The monochrome 3219W...

...optional second memory plane contains Westward's advanced line-smoothing technique to further improve the **picture** .

Full **text** available on PTS New Product Announcements.

...

14/3,K/26 (Item 5 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01487627

**ADVANCED ELECTRONICS DESIGN ANNOUNCES GRAPHICS DISPLAY SYSTEM (GDS)  
COLORWARE (R) CARDS.**

NEWS RELEASE August 20, 1986 p. 11

...of graphics solution, featuring display list processing, an advanced internal window management system, multiple concurrent **text** and **graphics** windows. The GDS supports multiple **dynamic** windows operating as individual devices. Importantly the power and capability of this system is contained...

...with 60Hz non-interlaced refresh rate, and 4- or 8-planes offering 16 or 256 **simultaneously displayable** colors. In addition, the Graphic Display Systems have a 68020 microprocessor, complete with MMU support...

... per pixel, allowing 50,000 vectors per second and 55,000 characters per second for **text** , draw and **scrolling** . **Graphics** protocol includes the Tektronix 41XX, X Window and optional GKS.

...

14/3,K/27 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01830885 SUPPLIER NUMBER: 17269763 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**OverAll Dynamic Link Library. (Software Garden Inc's programming  
utility) (Brief Article) (Product Announcement)**

Data Based Advisor, v13, n7, p28(1)

August, 1995

DOCUMENT TYPE: Brief Article Product Announcement ISSN: 0740-5200

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 72 LINE COUNT: 00009

TEXT:

OverAll DLL, a **dynamic** link library that works with programs written for Microsoft Windows 3.1, **simultaneously displays** an over-all and detailed view of data using bitmapped images. Data is displayed spatially as **icons** or **text** . Developers using can add Overall technology to their apps; compatible languages include C/C++, Visual...

14/3,K/28 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01804821 SUPPLIER NUMBER: 17155728 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Client/server and host app. development tools.(1995 Database Buyer's Guide  
and Client/Server Sourcebook) (Buyers Guide)**

DBMS, v8, n6, p20(13)

May 15, 1995

DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 20277 LINE COUNT: 01789

...

CT

206-845-5000; 800-441-6878

A tool that builds EIS-style applications that **dynamically** access mainframe data through a graphical desktop front end. Uses Windows to present information in a graphical **display**. **Combines** data from Nomad and Nomad-accessible data sources, **text**, numbers, **graphics**, and **images** on the same screen. Uses a variety of hot spots to provide drill-down to ...

14/3,K/29 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01688539 SUPPLIER NUMBER: 15355998 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Client/server and host app. development tools. (1994 Database Buyer's Guide and Client/Server Sourcebook) (Buyers Guide)  
DBMS, v7, n6, p17(11)  
June 15, 1994  
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 15043 LINE COUNT: 01321

... 441-6878  
A tool that builds EIS-style applications for managers and decision makers that **dynamically** access mainframe data through a graphical desktop front end. Takes advantage of Windows to present information in a graphical, easy-to-understand **display**. **Combines** data from Nomad and Nomad-accessible data sources, **text**, numbers, **graphics**, and **images** on the same screen. Uses a variety of hot spots to provide drill-down to...

14/3,K/30 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01611849 SUPPLIER NUMBER: 13901749 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Client/server applications and tools. (1993 Database Buyer's Guide Special Issue) (Buyers Guide)  
DBMS, v6, n7, p22(7)  
June 15, 1993  
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 9039 LINE COUNT: 00781

... NOMAD is a tool that builds EIS-style applications for managers and decision makers that **dynamically** accesses mainframe data. It takes advantage of the Windows 3.1 operating environment to present information in a graphical, easy-to-understand **display**. Executive NOMAD **combines** data from NOMAD and NOMAD-accessible data sources, **text**, numbers, **graphics**, and **images** on the same screen. The product uses a variety of hot spots to provide drill...

14/3,K/31 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01422632 SUPPLIER NUMBER: 10364082 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Beyond videodiscs: compact discs in the multimedia classroom. (latest developments in compact disc technology; compact disc-read only memory, compact disc-interactive) (includes related articles on compression techniques, on available CD-I titles, on available CDTV titles and on the Microsoft/Tandy multimedia standards) (Cover Story)  
Salpeter, Judy  
Technology & Learning, v11, n5, p32(10)  
Feb, 1991  
DOCUMENT TYPE: Cover Story ISSN: 1053-6728 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3302 LINE COUNT: 00251

...ABSTRACT: memory (CD-ROM) can be manipulated in terms of size, content and the variety of **images** and **text** it **incorporates** before it is **displayed** on a computer screen. Companies are working on compression schemes to reduce the amount of...

...the next consumer rage. Commodore has announced a similar multimedia CD machine called Commodore Total **Dynamic** Vision (CDTV) targeted at consumers.

14/3,K/32 (Item 6 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01290728 SUPPLIER NUMBER: 07094378 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Minigrams.**  
Computergram International, n1131, pELECTRNC ED  
March 8, 1989  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2222 LINE COUNT: 00170

... designed for use with Mac IIs: the 21" A3 can display two pages of A4 **text** and **graphics**, plus menu and **scroll** bars alongside, and has a 75Hz refresh rate, and is #1,400; the Portrait display has a 15" screen that can show a whole page of A4 text, menus and **scroll** bars, again operating at 75Hz, and can serve as the sole systems **display** or **integrate** as a second **display** in a two monitor set up - and is #730; standard Apple video cards provide up...

14/3,K/33 (Item 7 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01242831 SUPPLIER NUMBER: 06298830 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Windows for workstations: a menu for multitasking. (IWindows window manager and OS)**  
Alexander, Tom; Steiner, Alan; Stone, Jerry  
ESD: The Electronic System Design Magazine, v18, n3, p74(5)  
March, 1988  
ISSN: 0893-2565 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2492 LINE COUNT: 00206

The overlapping window concept--originally developed at Xerox PARC (Palo Alto, CA)--permits the **simultaneous display** of different, unrelated documents or drawings on the same screen. Windows can be superimposed, partially...

...can be separately moved, resized, hidden, deleted, and placed on top of others. Contents, whether **text** or **graphics**, can be **scrolled**, panned, and zoomed.

Multiwindow, multitasking systems have many advantages over simpler single-window implementations. Results...

...system calls dealing with different objects in the system. Objects comprise data structures such as **images**, windows, viewports, **text**, and processes, as well as system resources (memories, displays, processors, and other hardware). All objects...

...hardware independence can be used to advantage in future upgrades, in which 1280 X 1024 **display** controllers will be **integrated** into the system without software modification.

A hierarchical structure of planes, viewports, and windows is...

14/3,K/34 (Item 8 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01184545 SUPPLIER NUMBER: 06086044

**Monitoring distributed systems.**

Joyce, Jeffrey; Lomow, Greg; Slind, Konrad; Unger, Brian.

ACM Transactions on Computer Systems, v5, n2, p121(30)

May, 1987

ISSN: 0734-2071

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

ABSTRACT: The collection, interpretation, and information **display** concerning interactions among **concurrently** executing processes are involved in distributed systems monitoring. Debugging, testing, performance evaluation, and **dynamic** documentation of distributed systems are supported by this information and its display. There are three approaches to the display of process interactions: **textual** traces, animated **graphical** traces, and a combination of various aspects of the **textual** and **graphic** approaches. Identification and comparison is made of the roles that each of these approaches fulfills...

14/3,K/35 (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01111858 SUPPLIER NUMBER: 00613070

**Passport to Adventure: Pyramid.**

Salmone, T.

Computer Entertainment, v3, n2, p40

Feb., 1985

DOCUMENT TYPE: evaluation

ISSN: 0883-8089

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: Commodore 64 home computer. It is billed as requiring fifty to seventy hours to solve. **Text** and the **graphic** screen are **displayed simultaneously**. The visual **display scrolls** off the screen as commands are entered. The computer only understands the first two letters...

14/3,K/36 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01090670 SUPPLIER NUMBER: 00562596

**Use a CRT-Controller Chip to Mix Text and Graphics.**

Young, M.S.

EDN, v29, n11, p153-158

May 31, 1984

ISSN: 0012-7515

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

ABSTRACT: **Text** and **graphics** can be **displayed simultaneously** without sacrificing system price or performance by designing a CRT controller (CRTC)-based graphic-display-block (GDB) system. The system involves creating GDBs or bit-mapped **graphics** windows within the **text**. The GDBs are integrated into the normal CRTC display lists and can be displayed without...

...circuit diagrams to illustrate the operation of a GDB system, and a diagram for a **dynamic** RAM-based GDB- implementation scheme.

14/3,K/37 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01085163 Supplier Number: 40711635 (USE FORMAT 7 FOR FULLTEXT)

**DETAILS OF THE NEW MONOCHROME MONITORS FROM APPLE**

Computergram International, n1131, pN/A

March 8, 1989

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 123

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...designed for use with Mac IIs: the 21" A3 can display two pages of A4 **text** and **graphics**, plus menu and **scroll** bars alongside, and has a 75Hz refresh rate, and is GBP1,400; the Portrait display has a 15" screen that can show a whole page of A4 text, menus and **scroll** bars, again operating at 75Hz, and can serve as the sole system **display** or **integrate** as a second **display** in a two monitor set up - and is GBP730; standard Apple video cards provide up...

14/3,K/38 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01022144 CMP ACCESSION NUMBER: WIN19940601S1875

**Browser/Panoramic -Features File Manager Forgot**

James Bell

WINDOWS MAGAZINE, 1994, n 506 , 138

PUBLICATION DATE: 940601

JOURNAL CODE: WIN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: First Impressions

TEXT:

... application icon. The View module provides previews up to full-screen size, and you can **view** multiple files **simultaneously**. You can also zoom, rotate and flip **graphics** files. For **text** files, you can **scroll** through the files, search for text strings and copy all or part of a file...

14/3,K/39 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

00582651 CMP ACCESSION NUMBER: VAR19900702S5203

**CREATE A PC SCREEN PRESENTATION - Use Show Partner to Develop Modest-  
Priced Ads** (Focus on Software -PRODUCT & SERVICE WATCH)

VARBUSINESS, 1990, n 49

PUBLICATION DATE: 900702

JOURNAL CODE: VAR LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Product and Service Watch / Service Briefs

WORD COUNT: 272

**Show Partner F/X integrates** authoring tools to create a PC presentation environment. Create your own **text** and **graphics** screens or capture screens from other applications and import them into Show Partner's Grafix...

...spreadsheet with columns for the current graphic, any special effect such as wipes, fades and **scrolls** - the direction, speed and timing. Users can instantly include subroutine scripts, animation and sound effects...  
?



Set	Items	Description
S1	6864175	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	378696	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	18676924	TEXT OR TEXTS OR TEXTUAL OR NEWS OR QUOTE OR QUOTES OR STO- CKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	15136863	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	232324	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT) OR COINSTANT? OR TANDE- M? OR COINCIDENT? OR ACCOMPAN?)
S6	36180	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	3057565	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL?
S8	3	TEXTSCROLL? OR NEWSCROLL?
S9	216348	S1-S2(3N)S3
S10	1834	S9(S)S5-S6
S11	128	S10(S)S7-S8
S12	80	RD (unique items)
S13	41	S12/1996:2002
S14	39	S12 NOT S13
S15	137414	S1-S2(5N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SE- CURITIES OR INVESTMENT?)
S16	273	S15(S)S1-S2(5N)S3(5N)S4
S17	188	S16/1996:2002
S18	85	S16 NOT S17
S19	73	RD (unique items)
S20	61237	S1-S2(5N)S7-S8
S21	27	S20(S)S3(10N)S5-S6
S22	19	RD (unique items)
S23	9	S22/1996:2002
S24	4	S22 NOT (S23 OR S11 OR S16)

?t24/3,k/all

24/3,K/1 (Item 1 from file: 810)

DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0289987 BW604

# **OBJECTIVE SOFTWARE: Objective Software announces SpreadBase**

July 28, 1992

Byline: Business Editors/Computer Writers

...Module facilitates conversion of data  
and formulas from existing spreadsheet files. The Report Publishing  
Module **integrates** SpreadBase **views** with **text** and **graphic**  
elements to  
create **dynamic** , multi-page reports, which automatically reflect changes  
in data views.

Guy Kawasaki, author, software expert...

24/3,K/2 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

06200377 SUPPLIER NUMBER: 13528682 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Compton's Multimedia Encyclopedia. (Information Service Review) (Optical**  
**Product Reviews) (Evaluation)**  
Gilmore, Frederick L.  
CD-ROM Librarian, v7, n9, p42(7)  
Oct, 1992

DOCUMENT TYPE: Evaluation ISSN: 0893-9934 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 3117 LINE COUNT: 00238

... which the image appears. Most of the pictures in this search path have a caption **accompanying** them. This caption **displays** in a **text** block directly below the **image** that users **scroll** using arrow keys. In many instances the viewable text consists of one line, and users...

24/3,K/3 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01990555

SUN INTRODUCES COLOUR GRAPHIC 3270 TERMINAL EMULATOR; First Application  
Product Based on NEWS  
News Release June 20, 1988 p. 1

... unprecedented power in host interactive communications, with features such as display support for host colour **graphics**, **dynamic** scaling of displayed **images**, multiple terminal sessions per workstation, laser printer image compatibility, and powerful local display manipulation. SunLink...

... the X11/NeWS merged window system which Sun will ship later this year. With X11/ **NEWS**, users will be able to **simultaneously display** on their workstation screens both X11-based and **NeWS**-based application windows, such as a SunLink CG3270 terminal session.

Full text available on PTS...

24/3,K/4 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01369248 SUPPLIER NUMBER: 08155870 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Aggressive knight jousts with market data king. (Knight-Ridder Business Information Systems)**

Draper, Jane P.

Wall Street Computer Review, v7, n4, p22(3)

Jan, 1990

ISSN: 0738-4343 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2188 LINE COUNT: 00170

... displayed on a MoneyCenter screen. The program's 40 function keys can be customized to **display** any **combination** of **quotes**, **news** and charts. **Dynamic** real-time **graphics** include bar, oscillator, tick and minute charts in four colors.

Skeptics Aren't Convinced  
Despite...

?

File 9:Business & Industry(R) Jul/1994-2002/Aug 06  
(c) 2002 Resp. DB Svcs.  
File 15:ABI/Inform(R) 1971-2002/Aug 07  
(c) 2002 ProQuest Info&Learning  
File 484:Periodical Abs Plustext 1986-2002/Aug W1  
(c) 2002 ProQuest  
File 553:Wilson Bus. Abs. FullText 1982-2002/May  
(c) 2002 The HW Wilson Co  
File 624:McGraw-Hill Publications 1985-2002/Aug 07  
(c) 2002 McGraw-Hill Co. Inc  
File 88:Gale Group Business A.R.T.S. 1976-2002/Aug 07  
(c) 2002 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2002/Aug 07  
(c) 2002 The Gale Group  
File 570:Gale Group MARS(R) 1984-2002/Aug 07  
(c) 2002 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Aug 07  
(c) 2002 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2002/Aug 07  
(c) 2002 The Gale Group  
File 623:Business Week 1985-2002/Aug 06  
(c) 2002 The McGraw-Hill Companies Inc  
File 98:General Sci Abs/Full-Text 1984-2002/Jun  
(c) 2002 The HW Wilson Co.  
File 75:TGG Management Contents(R) 86-2002/Jul W4  
(c) 2002 The Gale Group  
File 141:Readers Guide 1983-2002/Jun  
(c) 2002 The HW Wilson Co  
File 264:DIALOG Defense Newsletters 1989-2002/Aug 07  
(c) 2002 The Dialog Corp.  
File 608:KR/T Bus.News. 1992-2002/Aug 07  
(c)2002 Knight Ridder/Tribune Bus News  
File 16:Gale Group PROMT(R) 1990-2002/Aug 07  
(c) 2002 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2002/Aug 06  
(c) 2002 The Gale group  
File 80:TGG Aerospace/Def.Mkts(R) 1986-2002/Aug 07  
(c) 2002 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2002/Aug 07  
(c)2002 The Gale Group  
File 634:San Jose Mercury Jun 1985-2002/Aug 04  
(c) 2002 San Jose Mercury News  
File 635:Business Dateline(R) 1985-2002/Aug 07  
(c) 2002 ProQuest Info&Learning  
File 647:CMP Computer Fulltext 1988-2002/Aug W2  
(c) 2002 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2002/Jul W3  
(c) 2002 IDG Communications  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 696:DIALOG Telecom. Newsletters 1995-2002/Aug 06  
(c) 2002 The Dialog Corp.  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	15810	(ASCII OR AMERICAN() STANDARD() CODE(1W) INFORMATION() INTERCH- ANGE) (S) (GRAPHIC? OR ICON? OR IMAGE? OR SYMBOL?? OR PICTURE? - OR PICS OR LOGOS OR LOGO OR HIEROGLYP? OR ART)
S2	1388373	TRADENAME? OR TRADE() NAME? OR TRADEMARK? OR TRADE() MARK?
S3	7658	S1(S) (TEXT OR ALPHANUMERIC? OR ALPHABET?)
S4	35098	DISPLAY?(3N) (ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE - OR MOVING OR MOTION? OR STREAM? OR TICKER?? OR AUTOSCROLL?)
S5	0	S3(S) S2(S) S4
S6	11	S1(3N) S4
S7	11	S6 NOT PY=>1996

```

S8          6   RD S7 (unique items)
S9          306  (ASCII OR AMERICAN() STANDARD() CODE(1W) INFORMATION() INTERCH-
                ANGE) (S) (LOGO OR LOGOS)
S10         8    S9(10N) (TICKER? OR AUTOSCROLL? OR STREAM?)
S11         8    S10 NOT S6
S12         7    S11 NOT PY=>1996
S13         6    RD S12 (unique items)
S14         6994 (ASCII OR AMERICAN() STANDARD() CODE(1W) INFORMATION() INTERCH-
                ANGE) (3N) CHARACTER?
S15         813  S14(S) (SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTI-
                ON? OR STREAM? OR TICKER?? OR AUTOSCROLL?)
S16         179  S15(S) DISPLAY?
S17         165  S16 NOT PY=>1996
S18         152  S14(5N) (SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTI-
                ON? OR STREAM? OR TICKER?? OR AUTOSCROLL?)
S19         118  S18 NOT PY=>1996
S20         36   S19(S) (DISPLAY? OR VIEW? OR READ?)
S21         35   S20 NOT (S6 OR S10)
S22         22   RD S21 (unique items)
S23         24265 (ASCII OR AMERICAN() STANDARD() CODE(1W) INFORMATION() INTERCH-
                ANGE) (S) (GRAPHIC? OR ICON? OR IMAGE? OR SYMBOL?? OR PICTURE? -
                OR PICS OR LOGOS OR LOGO OR HIEROGLYP? OR ART OR CHARACTER?)
S24         589  S23(S) (CELLPHONE? OR PHONE? OR CELL() PHONE? OR PAGER??)
S25         119  S24(S) (ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOV-
                ING OR MOTION? OR STREAM? OR TICKER?? OR AUTOSCROLL?)
S26         72   S25 NOT PY=>1996
S27         50   RD S26 (unique items)
S28         0    S27(S) (SHORT(5N) MESSAGE? OR SMS)
S29         5676 SHORT() MESSAGING() SERVICE?
S30         38194 (CELLPHONE? OR PHONE? OR CELL() PHONE? OR PAGER??) (3N) (MESS-
                AGE? OR S29)
S31         14   S30(10N) (ASCII OR AMERICAN() STANDARD() CODE(1W) INFORMATION(-
                ) INTERCHANGE)
S32         8    S31 NOT PY=>1996
S33         5    RD S32 (unique items)

```

8/3,K/1 (Item 1 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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02263018 SUPPLIER NUMBER: 07511860

**Environments. (program for optimizing Presentation Manager graphics programs)**

Petzold, Charles

PC Magazine, v8, n15, p273(7)

Sept 12, 1989

ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2648 LINE COUNT: 00256

...ABSTRACT: optimize graphics-based programs to improve video response time. The source code of PMASC, which **displays** a **scrollable ASCII** table in a Presentation Manager window, provides an excellent example. PMASC avoids updating entire windows...

8/3,K/2 (Item 2 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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01594887 SUPPLIER NUMBER: 00583934

**MORE Without Redirection.**

Lesser, M.

PC Tech Journal, v2, n4, p148

Oct., 1984

ISSN: 0738-0194 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: possible substitute for the DOS command TYPE is MORE. MORE allows users to keep a **displayed ASCII** file from **scrolling** off the screen. MORE, however, requires the user to insert the redirection symbol before it...

8/3,K/3 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01496781 SUPPLIER NUMBER: 11754018 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Call for papers.**

C Users Journal, v10, n1, p113(1)

Jan, 1992

ISSN: 0898-9788 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 3616 LINE COUNT: 00290

... has a side-effect that facilitates debugging of the cmenu program: you can keep a **running display** of the **ASCII** string associated with the most recently parsed token by placing the expression  
keywords[token].keyword...

8/3,K/4 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01301082 SUPPLIER NUMBER: 07335658 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Tested mettle: the Solbourne 4-601 workstation. (Hardware Review) (evaluation)**

Wilson, David

UNIX Review, v7, n6, p105(9)

June, 1989

DOCUMENT TYPE: evaluation ISSN: 0742-3136 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5015 LINE COUNT: 00383

... IBM.

Operation and Ease of Use

For ease of use, Solbourne supports both the normal **scrolling** -  
**ASCII** character **display** and X Windows. Optionally, Solbourne supports  
Sun's News windowing interface. While Solbourne machines are...

8/3,K/5 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2002 The Gale group. All rts. reserv.

02368390 SUPPLIER NUMBER: 02743583 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The TI 99-4A. (home computer) (evaluation)**

Gray, Fred

Creative Computing, v9, p33(3)

May, 1983

DOCUMENT TYPE: evaluation ISSN: 0097-8140 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2040 LINE COUNT: 00150

... 24 by 32 grid. More than that, embedded in the chip is the ability  
to **display** and **move graphics** characters called sprites, which can  
move smoothly across the screen and which, once set in...

13/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

03805294 Supplier Number: 45425563 (USE FORMAT 7 FOR FULLTEXT)  
**LAN TO MAINFRAME PRINTING: A DICEY PROPOSITION**  
CommunicationsWeek, p74  
March 27, 1995  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 754

... other solutions.

Whereas many mainframe conversion tools support standard mainframe formatting commands and EBCDIC-to- **ASCII** translation, few deliver full Intelligent Printer Data **Stream** features. 'We use special fonts and graphics, such as our corporate logo, that depend on...

13/3,K/2 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

08009955 SUPPLIER NUMBER: 16838304 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Because it's there .... (integrating mainframes into overall computing environments) (includes related article about LAN-to-mainframe printing) (Closeup: Network Interoperability)**  
Liebmann, Lenny  
CommunicationsWeek, n549, p73(4)  
March 27, 1995  
ISSN: 0746-8121 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4355 LINE COUNT: 00353

... other solutions.

Whereas many mainframe conversion tools support standard mainframe formatting commands and EBCDIC-to- **ASCII** translation, few deliver full Intelligent Printer Data **Stream** features. "We use special fonts and graphics, such as our corporate logo, that depend on...

13/3,K/3 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

07295924 SUPPLIER NUMBER: 15523708 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**DECISION DATA ANNOUNCES NEW IPDS LASER PRINTERS FOR THE IBM ENVIRONMENT**  
PR Newswire, p0630MN012  
June 30, 1994  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 392 LINE COUNT: 00032

... product manager for printers. "Both printers provide complete implementation of IBM's Intelligent Printer Data **Stream** (IPDS) control language, required for applications such as graphic overlays, **logos** , and forms."

The Model 6012 print speed is 12 pages per minute, with a paper...

13/3,K/4 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

0508311 94-62598  
**Desision Data announces new IPDS Laser Printers for the IBM environment**  
Slater, Kelly Marti  
PR Newswire (New York, NY, US) s1 p1  
PUBL DATE: 940630  
WORD COUNT: 317

DATELINE: Horsham, PA, US

TEXT:

...product manager for printers. "Both printers provide complete implementation of IBM's Intelligent Printer Data **Stream** (IPDS) control language, required for applications such as graphic overlays, **logos** , and forms."

The Model 6012 print speed is 12 pages per minute, with a paper...

**13/3,K/5 (Item 1 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01047691 CMP ACCESSION NUMBER: CWK19950327S0116  
**LAN TO MAINFRAME PRINTING: A DICEY PROPOSITION** (Letters to the Editor)  
Lenny Liebmann  
COMMUNICATIONSWEEK, 1995, n 549, PG74  
PUBLICATION DATE: 950327  
JOURNAL CODE: CWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: CLOSEUP-Network Interoperability  
WORD COUNT: 752

... other solutions.

Whereas many mainframe conversion tools support standard mainframe formatting commands and EBCDIC-to- **ASCII** translation, few deliver full Intelligent Printer Data **Stream** features. ``We use special fonts and graphics, such as our corporate logo, that depend on...

**13/3,K/6 (Item 2 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01022392 CMP ACCESSION NUMBER: NWC19940601S2126  
**PSF/2 Extends Mainframe Forms Printing To The LAN**  
Bruce Boardman  
NETWORK COMPUTING, 1994, n 507 , 141  
PUBLICATION DATE: 940601  
JOURNAL CODE: NWC LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Reviews  
WORD COUNT: 990

... that the conversion of PostScript to HP-PCL or IPDS was accurate. We created PostScript, **ASCII** and AFPDS print **streams** as input to PSF/2 without a problem. The lack of HP print stream support...

...2. Remote Printer was faster than QPRINTER.NLM, but because PSF/2 "sniffs" the print **stream** from Remote Printer and identifies it as **ASCII** , it encapsulates the distribution header information. The job gets printed with the generic distribution name..



**22/3,K/1 (Item 1 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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03202100 SUPPLIER NUMBER: 14396329

**Smiley's people. (Internet face-characters and humor) (Cover Story)**

Stephenson, Neal

The New Republic, v209, n11, p26(1)

Sept 13, 1993

DOCUMENT TYPE: Cover Story ISSN: 0028-6583 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1141 LINE COUNT: 00088

... airport cultists, emoticon users all proffer the same rationale for the smiley tic: since the **streams** of **ascii characters** flowing across the Internet (usually described as "cold," "mechanistic," etc.) cannot carry body language or...

...supplied through punctuation. The tendency of writers to bungle their attempts at sarcasm, and of **readers** to bungle the detection of it, invariably leads (so the argument goes) to hurt feelings...

**22/3,K/2 (Item 2 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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02461469 SUPPLIER NUMBER: 09501745

**LAN Director. (Software Review) (one of 20 evaluations of LAN statistics packages in 'Building workgroup solutions: statistical reporting software.') (evaluation)**

Maxwell, Kimberly

PC Magazine, v9, n18, p236(1)

Oct 30, 1990

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 809 LINE COUNT: 00066

... with Director, you can write notes annotating a specific directory and even use high-order **ASCII characters** within your notes. As you **scroll** through the tree directory structure, the program **displays** your comments on the right of the screen.

With Director, it's easy to find...

**22/3,K/3 (Item 3 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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01820955 SUPPLIER NUMBER: 04317535

**Exploring the EGA, part 1. (enhanced graphic adapters; program utilities for IBM PC graphics)**

Petzold, Charles

PC Magazine, v5, p367(9)

Aug, 1986

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 5478 LINE COUNT: 00490

... construct the dot patterns of each character on the screen instead of just writing the **ASCII** code of the **character** to **display** memory. If you **run** an applications program that does not set the video mode but writes directly to the **display**, you'll get garbage on your screen if you enter it in a graphics mode...

**22/3,K/4 (Item 4 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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01725797 SUPPLIER NUMBER: 00594892

**Sorting Out Sorting Programs.**

Terry, C.

PC Magazine, v4, n3, p50

Feb. 5, 1985

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1199 LINE COUNT: 00107

... a Tecmar clock/calendar before and after calling each sorting method. Program loading and time **displays** contribute 2 or 3 seconds to each of the times shown, but are constant for...

...word generator, that contained 1,000; 2,000; 4,000; or 10,000 lines of **ASCII characters**. In the first **run**, each line consisted of a random-length word padded with trailing blanks to 20-character...

**22/3,K/5 (Item 5 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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01623225 SUPPLIER NUMBER: 00545498

**NEWFONT: Creating Fonts Without Fuss.**

Jackson, H.S.

PC Magazine, v3, n8, p132-142

May 1, 1984

ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2867 LINE COUNT: 00250

... and in response to the "file?" prompt, enter NEW. Two at a Time  
Since NEWFONT **displays** two grids, you can work on two fonts at the same time. This feature is...

...can call up characters from this font at any time by entering F4 and the **character's ASCII** code. You can also **move** a character from one grid to the others by pressing F1 and enter "A" or...

**22/3,K/6 (Item 6 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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01602241 SUPPLIER NUMBER: 03249394

**Newfont; creating fonts without fuss.**

Jackson, Hugh S.

PC Magazine, v3, p132(11)

May 1, 1984

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2867 LINE COUNT: 00250

... and in response to the "file?" prompt, enter NEW. Two at a Time  
Since NEWFONT **displays** two grids, you can work on two fonts at the same time. This feature is...

...can call up characters from this font at any time by entering F4 and the **character's ASCII** code. You can also **move** a character from one grid to the others by pressing F1 and enter "A" or...

**22/3,K/7 (Item 1 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01389900 SUPPLIER NUMBER: 09579663 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Pixel Pointers. (FoxBASE+/Mac tricks) (tutorial)**

Masterson, Michael P.

Data Based Advisor, v8, n11, p122(1)

Nov, 1990

DOCUMENT TYPE: tutorial ISSN: 0740-5200

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 942 LINE COUNT: 00071

... for PCs in FoxBASE+/Mac because you can make FoxBASE+/Mac emulate the text-oriented **display** capabilities of DOS machines. If, however, you want to **run** programs that use the **ASCII** graphics **characters** for box drawing, and so on, you'll either need to rewrite the box-drawing...

**22/3,K/8 (Item 2 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01377193 SUPPLIER NUMBER: 08843272 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Run existing programs under X Windows. (column)**

Lingel, Charles

Computer-Aided Engineering, v9, n8, p75(1)

August, 1990

DOCUMENT TYPE: column ISSN: 0733-3536 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 625 LINE COUNT: 00049

... The technologies involved in providing emulation software are not trivial. To work properly, the graphics **display** data must be processed and adjusted so that the same information is presented correctly in...

...software called the X Library System. This not only requires expertise in how X Windows **displays** graphics but also requires the expertise to exploit the similarities of the two systems. At the highest level, the X Windows **display** system isn't very different from the older host-terminal **display** system. Both present pictures sent from a host. The application program generating the graphics picture...

...different characters cause different things to happen. In the host-terminal system, the application program **running** on the host generates **ASCII characters**. In the X Window System, the application program (client) running on the host generates byte sequences not related to ASCII characters. However, since the **display** program (server) actually interprets the byte sequences, the byte stream protocol is immaterial. The X...

**22/3,K/9 (Item 3 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01358919 SUPPLIER NUMBER: 08209534 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Data on the move. (hand-held, portable data-collection terminals)**

Industrial Computing, p31(2)

Feb, 1990

ISSN: 0268-7860 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1403 LINE COUNT: 00105

... 0.7 kg. The Trakker Scanner priced at 1,800 pounds also incorporates an 80 **character display** and an **ascii character** keyboard.

**Moving** away from collecting bar coded data, there is a whole range of portable computer terminals...

...that you would pay for Epson's EHT Series of hand helds with bar code **reading** facilities, up to 256k of memory, a touch screen and a multifunctional keyboard. Through to...

**22/3,K/10 (Item 4 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01311418      SUPPLIER NUMBER: 07397298      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Two chips push PostScript performance. (Talaris Systems uses National Semiconductor and Texas Instrument ICs)**  
Ferris, Barry  
ESD: The Electronic System Design Magazine, v19, n6, p39(4)  
June, 1989  
ISSN: 0893-2565      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT:    3022      LINE COUNT:    00243

... tasks such as manipulation of graphical objects (scaling, rotation, and object transformation).

As commands are **read** into the interpreter, the **ASCII character stream** is scanned and recognized as tokens. Tokens are entered into the object-oriented internal representation of the bit-map (the **display list**). The **display** list is organized as a binary tree. The interpreter performs three basic types of operations...

...bezier curves into lower-level primitives, such as vectors or vertices, for entry into the **display** list. Second is conversion of raster operations into raster data stored in 8-Kbyte chunks...  
...on the GSP side; a transformation matrix for each raster object is sent to the **display** list. And the third is the conversion of text manipulation operators into **display** list objects.

In addition to interpretation, the 32016 supervises data I/O from ROM, RAM...

**22/3,K/11      (Item 5 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01256838      SUPPLIER NUMBER: 07102561      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**More tips on using Lotus products. (Good Ideas)**  
Gonzalez, Myrna U.; Phillips, Douglas W.; Fletcher, Sara; Hutton, Ray; Low, Ron J.; Nantz, James D.; Prewitt, Alton; Meilach, Charlie; Sigal, H.; Nanos, B. Ann; McCarthy, Michael; Charnetski, Joseph R.; Simpson, Rilene; Wilson, Lynn; Black, Jenna; Oliver, Lee A.; de Koff, John P.; Clay, C. Scott  
Lotus, v4, n11, p89(4)  
Nov, 1988  
ISSN: 8756-7334      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT:    3469      LINE COUNT:    00255

... in a 1-2-3 Release 2.01 worksheet using the Hercules 90 x 38 **display** driver. I tried to retrieve the same file using the Hercules 80 x 25 driver. The computer crashed, **ASCII graphic characters** **scrolled** on the screen, and the cell pointer appeared in the titles areas.  
To fix this...

**22/3,K/12      (Item 6 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01207685      SUPPLIER NUMBER: 06168574      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Macro graphics. (For developers)**  
Quinn, Robert  
Lotus, v3, n6, p65(4)  
June, 1987  
ISSN: 8756-7334      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT:    2381      LINE COUNT:    00180

... in green and blue when you exited to DOS.  
The table lists the ANSI.SYS **display** control codes. To address the ANSI.SYS device driver, precede each of the listed codes in a [WRITE]

command with the escape **character** ( **ASCII character** 027). For example, to **move** the cursor home, send the character sequence ESC[H.

Cursor Control Codes [#;#H Moves cursor...

**22/3,K/13** (Item 7 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01177732 SUPPLIER NUMBER: 04316884 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Exploring the EGA, part 1. (programming utilities) (column)**  
Petzold, Charles  
PC Magazine, v5, n14, p367(9)  
Aug, 1986  
DOCUMENT TYPE: column ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 6836 LINE COUNT: 00490

... construct the dot patterns of each character on the screen instead of just writing the **ASCII** code of the **character** to **display** memory. If you **run** an applications program that does not set the video mode but writes directly to the **display**, you'll get garbage on your screen if you enter it in a graphics mode...

**22/3,K/14** (Item 8 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01068799 SUPPLIER NUMBER: 00567466  
**Beginners' Corner: ASCII; and More about the Type Command.**  
Talley-Jones, K.  
Softalk for the IBM Personal Computer, v3, p102-104  
Aug., 1984  
ISSN: 0733-2173 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: The IBMPC DOS TYPE command will **display** the contents of a file. The user can **read** the contents of the file if the file contains **readable** ASCII characters. BASIC tokenizes its statements. The tokenized characters are only **readable** when the BASIC program is saved using the "A" option, converting the tokenized statements to **ASCII characters**. **Run** files are in machine **readable** code. Therefore, files with the extension of .EXE or .COM will not be **readable**.

**22/3,K/15** (Item 9 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01028549 SUPPLIER NUMBER: 00500405  
**Screen Shepherd.**  
Kutzler, D.  
inCider, v1, n2, p44-55  
Feb., 1983  
ISSN: 0740-0101 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: to control the cursor via function calls and procedures as part of the Systems Library. **ASCII characters** control the screen drive and **move** the cursor. An entire entry page can be **displayed**. The cursor prompt is moved from entry field to entry field by the program.

**22/3,K/16** (Item 10 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01016465 SUPPLIER NUMBER: 00531831  
**The One-Board Solution.**

Hanrahan, M.R.

Digital Design, v13, n12, p32

Dec., 1983

DOCUMENT TYPE: product announcement  
ENGLISH RECORD TYPE: ABSTRACT

ISSN: 0147-9245

LANGUAGE:

...ABSTRACT: production. Features include 24 lines of 80 or 132 character positions, selectable status line, 96 **displayable ASCII characters**, bidirectional split screen, smooth **scrolling**, 512 x 390 pixel bit mapped resolution for a 4:3 **display** aspect ratios. The unit also has a one:one pixel aspect ratio for equivalent horizontal and vertical pixel spacing to product exact hard copy output of the screen **display**. The GO-100 alphanumeric version was also announced.

22/3,K/17 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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01079397 Supplier Number: 40691190 (USE FORMAT 7 FOR FULLTEXT)

**BRITISH NEWCOMER DISTRIBUTED INFORMATION AIMS FOR WORLD STAGE WITH FOLIO  
POCKET CPU**

Computergram International, n1122, pN/A

Feb 23, 1989

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 978

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...The Folio has a 40 character by eight line supertwist LCD screen with IBM extended **ASCII character** set. An optional **moving** "window" is available for an 80 by 25 text screen when using data from a...

...files, and includes a telephone tone dialler. Also included is an editable calculator with multiple **display** formats, five memories, and a percentage analysis; a diary and calendar which runs up to...

...as supplying technological derivatives of the pocket computer to international OEM markets. Atari will be **ready** to ship the Folio in April, and is aiming to shift 500,000 units before...

22/3,K/18 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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02909124 Supplier Number: 43927525 (USE FORMAT 7 FOR FULLTEXT)

**Editor's View: PAPERLESS-OFFICE DREAM SOON MAY BECOME REALITY**

CommunicationsWeek, p30

June 28, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 509

... file. The second function lets users view the file and includes sophisticated search capabilities.

By **moving ASCII** files beyond their **character** -only nature, Acrobat preserves all formats - including graphics, illustrations and photographs - in a compressed **viewing** file. Users can attach these files to an Electronic mail message and send them anywhere...

22/3,K/19 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

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01476004

RENEX CORPORATION INTRODUCES BIPATH SOFT SWITCH.

NEWS RELEASE (FOR FURTHER INFORMATION APPLY TO COMPANY INDEXED) July 28,  
1986 p. 11

...version or as a card for a rack mounted configuration. Bipath allows IBM 3270 family **display** stations to emulate industry standard ASCII terminals, as well as perform normal 3270 operations. IBM and look alike **display** stations can now have access to mini and mainframe systems, public databases, service bureaus, packet...

... IBM 3101. It supports full keyboard emulation, full speed capability up to 19.2 Kbps, **scrolling** and **ASCII character** sets. Bipath can reduce operating costs and space requirements by lowering the need for additional ...

22/3,K/20 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

07507935 SUPPLIER NUMBER: 15717871 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Carrier stands behind standard protocol. (Carrier Corp.) (Open/Standard  
Protocols: Protocol Forum)  
LoGalbo, Russell V.  
Heating, Piping, Air Conditioning, v66, n8, p67(3)  
August, 1994  
ISSN: 0017-940X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1160 LINE COUNT: 00099

... centrifugal chillers, rooftop units, and air handlers. Dataport translates information from the equipment into an **ASCII character stream** that can be **read** by an outside system. Operating controls remain proprietary to the equipment and Carrier's energy...

22/3,K/21 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

05433429 SUPPLIER NUMBER: 11101006 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Computers. (Instruments & Controls) (The 1991 Plant Engineering  
Encyclopedia)  
Plant Engineering, v45, n14, p286(2)  
July 18, 1991  
ISSN: 0032-082X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1523 LINE COUNT: 00123

TEXT:

...One of several standard character sets used in the computer industry. A character set represents **characters** by numbers. An **ASCII** file includes **characters** from the **ASCII character** set. AUTOEXEC.BAT - Special file **run** every time a workstation is powered or rebooted. Commands in AUTOEXEC.BAT control the way...

...network printing functions. Graphical user interface (GUI) - Refers to the ability of an application to **display** information on the screen, pixel by pixel. Allows programs to **display** pictures, as well as text, on the screen. Generally speaking, applications with GUIs are normally...

...issued by the computer user. Query - General database lookup facility which allows end users to **view** and combine data in the database. Random access memory (RAM) Memory allows user to write data into, and **read** data out from. This type of memory is used in all personal computers. **Read** only - Filed characteristic which allows **viewing** of data without update. Record locking - Process of keeping different users from modifying the same ...

...existing data without special database programs. Report writer - Feature

allows user to write reports that **display** data from a database. Security level - Degree of authorization a user has in accessing a...

...of computer programs that list instructions telling a computer which actions to perform, such as **read** data from the disk or **display** a menu on the screen. SQL - Industry-wide set of standard database data retrieval commands...

...are star, bus, and ring. Text-based interface (TBI) - Refers to interface only capable of **displaying** alphanumeric and punctuation characters at the terminal. These types of interfaces are common in older PC applications. Newer interfaces capable of **displaying** graphics and text together are replacing the text-based systems. User interface - Software component that **displays** information to, and accepts information from, the user. Interface is the component of an application...

...Refers to a section of the screen normally surrounded by a border and used to **display** information. An application can **display** multiple windows of information simultaneously. Workstation - Term sometimes used to describe a personal computer, but...

22/3,K/22 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

00538896 CMP ACCESSION NUMBER: CWK19930628S2826  
**PAPERLESS-OFFICE DREAM SOON MAY BECOME REALITY** (Editor's View)  
David Buerger  
COMMUNICATIONSWEEK, 1993, n 460, 30  
PUBLICATION DATE: 930628  
JOURNAL CODE: CWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Opinion  
WORD COUNT: 494

... file. The second function lets users view the file and includes sophisticated search capabilities.

By **moving** ASCII files beyond their **character**-only nature, Acrobat preserves all formats-including graphics, illustrations and photographs-in a compressed **viewing** file. Users can attach these files to an Electronic mail message and send them anywhere...  
?



27/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2002 ProQuest Info&Learning. All rts. reserv.

01030677 96-80070

**Moving digital ads by wire**

Rosenberg, Jim

Editor & Publisher v128n16 PP: 80-86 Apr 22, 1995

ISSN: 0013-094X JRNL CODE: EDP

WORD COUNT: 5247

...ABSTRACT: digital network (ISDN) may prove faster, cheaper, and easier to use than satellite service for **moving** ads. ISDN provides end-to-end medium-bandwidth digital service, ordinarily over existing copper **phone** lines, that is capable of **moving** large volumes of sound, text, data, and perhaps one day even video, cheaply, clearly, and...

... the North American newspaper market. The Macintosh-based Artwork Delivery System in the UK moves **ASCII** -ticketed encapsulated PostScript files of fonts and **graphical** data from advertisers and agencies over ISDN lines to newspapers.

27/3,K/2 (Item 1 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2002 ProQuest. All rts. reserv.

02159996 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**MS-Kermit for the online searcher**

Koga, James S

Online (ONL), v18 n6, p75-80, p.5

Nov 1994

ISSN: 0146-5422 JOURNAL CODE: ONL

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3515 LENGTH: Long (31+ col inches)

**TEXT:**

... to be sent to the' modem. This macro causes the' modem to hang up - the **phone** . This' macro file must be put into use by a' TAKE command before trying to...

...I' have tested all of them and, except' for the memory-resident utilities,' they all **run** from MS-Kermit's **RUN** ' command or after shelling to DOS.' ' You may find the moribund' EDLIN a bit of a chore to use for' editing TAKE files, downloading' searches and other **ASCII** file' chores. I can think of three free' editors that would do much better.'

...files on a low-memory' machine. I also find it' somewhat strange to use a **graphical** ' interface and mouse-driven' editor while using MS-Kermit--it ...snapshots of entire buffer' screens or record entire sessions' and edit them later.' ' For printing **ASCII** files (downloaded' searches, etc.), QP (Quickprint)' gives you a point-and-click' directory of files...

...RN and' DR work together to form a DOS file' management shell. This can be **run** ' handily from within the program to' copy, **move** , search for and delete' files and directories, and so forth.' Since my early exposure to...

27/3,K/3 (Item 1 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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02943911 SUPPLIER NUMBER: 12782120

**WordPerfect Corp.: MTEZ Standard with ExpressFax. (Software Review) (one of 13 evaluations of facsimile software in The Fax Solution) (Evaluation)**

Stone, M. David

PC Magazine, v11, n21, p330(2)

Dec 8, 1992

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 691 LINE COUNT: 00053

...ABSTRACT: current onscreen work. MTEX Standard includes a variety of options for sending faxes, including converting **ASCII** and other file formats to the program's fax format or using the ExpressFax a Note function for writing a fax within the program. The **phone** book can store up to 200 entries and eight groups. Entries can be posted to...

...sent to only one group or entry. MTEZ Standard with ExpressFax does not include optical **character** recognition (OCR) capabilities, scanner support or a **graphics** editor. Fax management is limited to the ability to delete or **move** files.

27/3,K/4 (Item 2 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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02453689 SUPPLIER NUMBER: 08648102

Now... they finally do Windows. (Microsoft Windows 3.0) (includes related articles on comments of beta users and applications that run under Windows 3.0) (Software Review) (evaluation)

Nelson, Robin

Personal Computing, v14, n7, p117(5)

July, 1990

DOCUMENT TYPE: evaluation ISSN: 0192-5490 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2979 LINE COUNT: 00259

... you have a 20-33MHz system, you're likely to find it quite slow to **run**. In addition, its object-oriented files are disproportionately large and it has a slow, multiple...

...you use it regularly, therefore, you'll probably want to keep it loaded as an **icon**; it will, however, tie up more system resources than most similar desktop utilities. Daybook can import delimited **ASCII** text and dbase files; it does not include a **phone**-dialer, although Microsoft's Cardfile utility does.

Other advantages: An improved macro recording utility takes...

27/3,K/5 (Item 3 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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02250030 SUPPLIER NUMBER: 07104188

AT & T Fax Connection. (Hardware Review) (second of 15 evaluations of facsimile boards) (evaluation)

Mendleson, Edward

PC Magazine, v8, n7, p101(2)

April 11, 1989

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 781 LINE COUNT: 00073

... program after spending a few more seconds with the manual.

SENDING AND RECEIVING

When you **run** the sending program, you use the DOS command line to specify the names of the files you want to send, the resolution, the **phone** number (or file with a list of numbers), or an optional switch that lets you start sending manually during a voice call. The software automatically sends **ASCII** files without preconversion, but can't convert or send any **graphics** formats other than those created by a scanner. However, you can merge the first page of text with a **graphic** logo or letterhead file created with the scanner.

A separate landscape-mode sending program sends ASCII...

**27/3,K/6 (Item 4 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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02079135 SUPPLIER NUMBER: 06895309  
**Character analysis. (desktop publishing) (contains related article on testing criteria) (evaluation)**  
Templin, Ben  
MacUser, v4, n9, p295(6)  
Sept, 1988  
DOCUMENT TYPE: evaluation ISSN: 0884-0997 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2339 LINE COUNT: 00248

... a word already contains a hyphen). WHAT'S NEW, BUT NOT NEW?  
OCR technology is **moving** forward rapidly. What was unavailable last year is now within easy reach of most consumers...

...Mac IIs and SEs, the demand for OCR will also increase. A FAX creates an **image** of a document that is then sent over the **phone** lines. OCR answers the need to then convert those documents into **ASCII** for document processing.

As it stands, optical character recognition on the Macintosh won't win...

**27/3,K/7 (Item 5 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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01946300 SUPPLIER NUMBER: 04975540  
**PCs and FAX get it together. (facsimile transmission devices) (evaluation)**  
Rosch, Winn L.  
PC Magazine, v6, p255(11)  
June 23, 1987  
DOCUMENT TYPE: evaluation LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2001 LINE COUNT: 00191

... controlled the process. It sent commands to the fax machine telling it to dial the **phone** and deliver transmissions to entire groups of recipients. The PC could also access the fax data **stream**, recording it on-disk, storing documents, or previewing **images** before they were sent or after they were received. A software utility could convert standard **ASCII** files into fax-compatible data.

The new approach does away with the fax machine entirely...

**27/3,K/8 (Item 6 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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01820719 SUPPLIER NUMBER: 04254899  
**Desktop organizers; top-notch efficiency tools. (computer utility software) (evaluation)**  
Burns, Diane; Venit, S.; Puglia, Vincent  
PC Magazine, v5, p165(8)  
May 27, 1986  
DOCUMENT TYPE: evaluation LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 4162 LINE COUNT: 00370

... and printer.

The editor is capable of creating a document of up to 400 80 **character** lines and is more than adequate for writing batch files, memos, and rough drafts. You...

...tab function and automatic reformatting. And, while it can import from or export to an **ASCII** text file, it is incapable of cutting and pasting from the screen. Up to six...

...time. The calendar provides eight lines for free-form entries. You select dates either by **scrolling** with the function keys or by following the screen prompts and entering the date from the keyboard. The **phone** book comes up with a date-entry screen that contains fields for a last name ...

**27/3,K/9 (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01803757 SUPPLIER NUMBER: 17243618 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**LORD OF THE FILES: THE FILE SYSTEM FROM OS/2 STARS IN THE NEW RISC OS/400 RELEASE.**  
Computergram International, pCGN07070008  
July 7, 1995  
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1357 LINE COUNT: 00103

TEXT:

...QSYS.LIB bears the same relationship to the IFS root file as an Oracle database **running** on a personal computer server does to OS/2, Windows or any other personal computer...

...system. This new OS/400 file system doesn't require that customers do anything to **run** their existing applications. But there are some positive side effects that come along with the...

...stored on the AS/400. Shared folders were stored in a format called EBCDIC-encapsulated **ASCII**. EBCDIC is the numeric **character** encoding scheme used with IBM mid-range and mainframe systems; **ASCII** is the form used by everybody else. To store a personal computer **ASCII** file on the AS/400, OS/400 had to wrap a shell of EBCDIC code...

...from EBCDIC form and Client Access is three to eight times faster than PC Support, **moving** shared folders around is a lot quicker. It is still not as fast as a...

...OS/400 for the RISC boxes. This is a standard way of supporting double-byte **character** sets, which are necessary to support Asian versions of systems and applications programs. (IBM has had double-byte **character** sets for OS/400 since the beginning, ...is linked to their primary system through standard network connections - local net, modem, high speed **phone** lines, direct twinax attachment, and OptiConnect using either SNA or TCP/IP communications protocols. QFILESERV...

**27/3,K/10 (Item 2 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01784327 SUPPLIER NUMBER: 16906395  
**Faxing with finesse. (Global Village Communications' FaxWorks Pro for OS/2 2.0 fax software) (Software Review) (Evaluation)**  
Hollander, Geoffrey  
OS2 Professional, v3, n4, p53(2)  
April, 1995  
DOCUMENT TYPE: Evaluation ISSN: 1069-6814 LANGUAGE: ENGLISH  
RECORD TYPE: ABSTRACT

...ABSTRACT: can create faxes easily just by printing from any OS/2, DOS or Windows program **running** on OS/2. Fonts can be easily changed in the fax cover sheet with drag and drop features. Also, **ASCII**, BMP, PCX or TIFF files can be dragged onto the fax page. FaxWorks has an unlimited

**phone** book, and information can be displayed by either company or last-name order. Several entries...

...The Fax Log will store incoming and outgoing faxes for viewing, editing or modifying. Signatures, **logos** and other **graphics** can be easily included, by dragging the PCX file onto the viewed fax.

**27/3,K/11** (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01703119 SUPPLIER NUMBER: 16240200 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Navigating the Internet. (includes related articles on using e-mail to access the Internet, and on Serial Line Interface Protocol products)**  
**(Interoperability supplement to LAN Magazine)**  
Richardson, Robert  
LAN Magazine, v9, n10, pS47(7)  
Oct, 1994  
ISSN: 0898-0012 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4750 LINE COUNT: 00356

... A STEEPLECHASE  
But three hurdles plague these software vendors. First, the Internet is largely an **ASCII** -text world **running** on Unix platforms. Its developers haven't taken pains to keep the needs of PC/DOS users in mind. Second, **phone** connections have numerous and inevitable shortcomings. **Running graphical** applications over such a slow medium is an exercise in banging your head (slowly) against...

**27/3,K/12** (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01548196 SUPPLIER NUMBER: 13217652 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Electronic delivery: matching technology to requirements. (the Seybold San Francisco '92 conference discusses electronic document delivery) (Cover Story)**  
Walter, Mark  
Seybold Report on Desktop Publishing, v7, n4, p3(22)  
Dec 1, 1992  
DOCUMENT TYPE: Cover Story ISSN: 0889-9762 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 18115 LINE COUNT: 01443

... form of dial-in text databases. Historically, dial-up services have been limited to vast **streams** of plain **ASCII** text, because that is all that the technology supported. When dial-up services began more than 20 years ago, displaying **graphics** on a computer was expensive, requiring specialized computers, custom software and large disk space--at a time when Winchester disk drives were a new phenomenon. Sending **graphics** over **phone** lines was not a practical proposition.

Today, the situation is quite different. End users have...

**27/3,K/13** (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01500333 SUPPLIER NUMBER: 11932765 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Cyrillic font offerings lack mapping, encoding standards.**  
Norr, Henry  
MacWEEK, v6, n7, p10(1)  
Feb 17, 1992  
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 597 LINE COUNT: 00047

ABSTRACT: The lack of a widely accepted standard for Russian **character** set mapping to keyboard locations and **ASCII** values has caused problems for Macintosh users **running** Cyrillic fonts. Vendors have lacked consistency and counting all Macintosh and IBM microcomputer and compatible ...

...version of the Macintosh operating system has set a de facto standard that maps Cyrillic **characters** to the upper half of the **ASCII** spectrum with a Soviet typewriter layout. For linguists, students and educators, however, this standard does not offer the needed **phonetic symbols** and stress marks used for transliteration. To provide a solution, The Russian Works has developed the Extended Apple Cyrillic (EAC) standard that allows for the use of 13 **symbols**.

27/3,K/14 (Item 6 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01452674 SUPPLIER NUMBER: 11337755 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Metz Phones. (Software Review) (One of eight evaluations of telephone and address book software packages in 'Electronic Remedies for Business-Card Blues') (evaluation)**

Watts, Jan  
PC-Computing, v4, n10, p329(2)  
Oct, 1991

DOCUMENT TYPE: evaluation ISSN: 0899-1847 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 370 LINE COUNT: 00028

ABSTRACT: Metz Software's \$20 Metz **Phones** desktop accessory software is a Windows-based shareware utility that made entering business card information quite easy. This program can be **run** as an **icon** and dialed with a mouse click. It fails to recognize a user's area code...

...For merging with a word processor, a user must export to a comma-separated or **ASCII** text file. The program prints name, address, **phone** number and notes in either single- or four-column widths. If the program is ordered...  
...other utilities such as a file manager, a desktop manager and a password program. Metz **Phones** also features a pop-up list of area codes and country codes. Metz **Phones** can substitute as an inexpensive replacement for the Windows CardFile. The program only permits database...

27/3,K/15 (Item 7 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01354519 SUPPLIER NUMBER: 08297086 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Artful.Lib. (program library) (Clipper Developer)**

Freshman, Ron  
Data Based Advisor, v8, n4, p114(5)  
April, 1990

ISSN: 0740-5200 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 4173 LINE COUNT: 00329

... Averages elements in an array ABREAK() Fills an array with string components marked by divider **characters** ACOUNT() Counts occurrences of an item in an array ADDREC() Repeats attempts to append a...

...APAD() Pads an array of strings to a specified length APICS() Generates an array of **picture** clauses for an array of fields ARRAY...

...FILL() **Scrolls** an array of expressions until the user selects one. Returns a parallel element in another...

...with the transformed values of a parallel of expressions using a third

parallel array of **picture** strings AUTOFIELD() Called by AUTO...subtracts a number of months to/from a date CHINS() Searches a string for any **character** from another string CHK...

...OPEN() CHOOSE() Creates an on-the-spot vertical menu from a string of **characters** ; gets a choice CNTRY...

...a carriage return and linefeed to a string CURDRIV() Returns the current drive as an **ASCII** numeric DATE...if any DBFs represented in dictionary have deletions recorded DESKTOP() Fills the screen with a **graphic character** DICTFIND() Finds a dictionary record for a given alias and/or file name DIR...

...DIR() Shows a sorted directory in a **scrolling** window using a call to Clipper's ADIR() DOSVERS() Returns the DOS version as aSWAP() Generic call to SWAP.OBJ to **run** an outboard program DRAW...

...OUT() Shows the element of an array into which a **character** in a string is an index FILTR...

...TYPE() Returns the current filter type for a table, normal or optimized FIRSTCAP() Creates a **PICTURE** string that forces the string to proper case FLDINKEY() Finds a field name in a...PIC() Generates a **picture** string for a variable GETLOOKUPS() Fills an array with the record numbers of look-up ...FILL() Validation routine to **scroll** a look-up table in a window for the user to select from HELP...DIGIT() Determines if a **character** is a digit IS...

... **PHONE** () Determines if a string follows a North American telephone number pattern IS...

...PROV() Determines if a two- **character** string is a valid abbreviation for a Canadian province IS ...STATE() Determines if a two- **character** string is a valid abbreviation for an American state IS...

...EXCEPT() Exception handler for K **SCROLL** () K...

... **SCROLL** () **Scrolls** just the child records of current "parent" record using DBEDIT() LINEOUT() Outputs one line of...CODE() Sends a sequence of print control **characters** from PRINTER table to printer, or returns sequence as a string PRN...FIX() Removes the memo-formatting **characters** from a query memo field Q...VIEW() Displays a text file in a window **RUN** \_  
...

...DIR() Shows a sorted directory in a **scrolling** window using DOS DIR and SORT **RUN** \_...

...FIL() Returns the path to SCREENS.DBF **SCROLLFILE** () Browses through a text file of any length SCR...

...LINE() Draws a **graphic** line across the screen SEARCH() General-purpose search on a key SEEK ...CODE() Sends a sequence of printer control **characters** from the PRINTER table to the printer SETLOOKUPS() Moves the record pointers of an array...

...BROWSE() SETs up the default arrays of fields, headers, and **pictures** for BROWSER() SET...DIR() Sorts and displays a file list for **RUN** \_... USUAL() Usual and customizable file maintenance TRANSFER() Copy/ **move** data from one table to another TTFN() Creates a file name from time TTOS() Converts...USUAL() VERIFY() Pop-up OK/Cancel box VIEWFILE() User interface for **SCROLLFILE** () V...

...purpose vertical menu using parallel arrays of prompts, messages, and UDFs WMOVE() General-purpose window- **move** routine WOY() Returns the week number corresponding to a date WP...

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01305542      SUPPLIER NUMBER: 07742771      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Utilities and languages. (listings of software programs) (directory)**  
DG Review, v7, n1, p4(7)  
Summer, 1989  
DOCUMENT TYPE: directory      ISSN: 1050-9127      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT:    8309      LINE COUNT:    00734

...      to DOS. The software supports all 60 D200 PFkeys and both monochrome and color displays. **ASCII** files are transferable and online help is instantly available. Price: \$180 Operating Systems: DOS Languages ...

...XT/AT/PS/2 and compatibles. @CON/pc Plus includes file transfer capabilities using the **ASCII** capture or XMODEM/CRC protocols. The Plus version includes modem auto-dial, keystroke macros, data...or a commercial service supporting TTY terminals. @CON/mv includes file transfer capabilities using the **ASCII** capture of XMODEM/CRC protocols. Other features include modem auto-dial, keystroke macros, data filtering...

...Users have control over their own messages. Complete archiving is provided for accountability. A standard **phone** line is used to save the cost of dedicated telex facilities. Price: \$5,000 CPU...

...The dynamic terminal language allows users to create new emulations. Virtual terminal allows users to **run** DOS on another PC and see the results onscreen. Features include macro script language with...

...featured Data General Dasher D100/200, D214/215, D400/210/211/410 terminal emulator with **ASCII** and binary file transfer. It allows a personal computer to function as a DG terminal. SmarTerm 400 includes multiple display windows with independent vertical **scrolling** and window erase, full- **character** display attributes, branch to DOS, color selection parameters, 132-column display support, European and line drawing **character** sets, full local printer support, CEO reference screen, eight separate setup configurations, smart softkeys, TTY...

...Dasher/200 series terminals and end with a complete emulation of the Dasher D470C color **graphics** terminal. The emulators **run** on IBM PCs, PS/2s and compatibles. Baud rates from 50 to 19200 **characters** per second are supported, as well as macro keys, auto-dial, printer pass through and ...are supported, as well as the F11, F12 keys on the IBM enhanced keyboard. The **graphics** products support a mouse and printer simultaneously. The Dasher D470C emulator also emulates the Dasher...

27/3,K/17      (Item 9 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01291396      SUPPLIER NUMBER: 07348947      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Calculating maneuvers. (Quicksilver dBXL programming for pop-up calculator) (column)**  
Verrier, Monique; Cooper, F. Bryan  
Data Based Advisor, v7, n2, p62(2)  
Feb, 1989  
DOCUMENT TYPE: column      ISSN: 0740-5200      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT:    1440      LINE COUNT:    00106

...      CITY @ 8,34 say "STATE" get M->STATE @ 8,48 say "ZIP" get M->ZIP  
**picture** '99999-9999' @ 10,8 say "TELEPHONE NUMBER" get M-> **PHONE picture**  
'999 999-9999' @ 13,8 say "PURCHASE ORDER NUMBER" get M->PONUMBER @ 15,8  
say "ORDER DATE get M->ORDERDATE **picture** '99/99/99' @ 15,47 say "AMOUNT"  
; GET M->AMOUNT **picture** '99999999.99' help calc() read replace automem  
clear automem enddo close all return do calc...



...wdisplay \* paint screen clear \* initialize variables store 0 to keypress, dp store 0.0000 to **running** store 0.0000 to current store ' ' to operator store 'C' to lastchar store .f. to...

...keypress <> 27 && do until escape is hit \* Current always contains the most recent variable, \* while **Running** contains the **running** total (difference, \* or whatever). Once an operator (+,-,/,\*,S,=) is \* selected, the math routine is called...

...for key to be pressed store inkey() to keypress enddo \* Translate the keypress into an **ASCII character** store upper(chr(keypress)) to char do case case keypress = 27 \* Esc pressed; do nothing...

...reinitialize variables store char to lastchar store 0.0000 to current store 0.0000 to **running** case char = '=' \* Equals Pressed do math store '=' to lastchar \* We have to make a special exception if the last \* **character** pressed is an equal (=) sign, in order \* for the user to be able to perform...

...on the \* result. case char = 'S' \* Square Root Pressed if lastchar = '=' store sqrt(current) to **running** , current else store sqrt(current) to ... the \* second operand. if lastchar = 'C' && Clear \* If Equals was pressed, current would already \* equal **running** store current to **running** endif store ' ' to lastchar store .t. to first else \* Do math, current will display do...

...decimal endif endif return Procedure Math \* A simple procedure to carry out the math. \* **Running** is the first operand, Current, the second. do case case operator = '+' **running** = **running** + current case operator = '-' **running** = **running** - current case operator = '\*' **running** = **running** \* current case operator = '/' **running** = **running** / current endcase store **running** to current store .t. to first store 0 to dp return \* End of Procedure file...

27/3,K/18 (Item 10 from file: 275)  
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01288977 SUPPLIER NUMBER: 07057808 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**British newcomer Distributed Information aims for world stage with Folio pocket CPU.**

Computergram International, n1122, pELECTRNC ED  
Feb 23, 1989  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1062 LINE COUNT: 00081

TEXT:

...standard text-based IBM MS-DOS software. The three standard AA batteries are claimed to **run** for six to eight weeks with typical to heavy usage, with no loss of date...

...connector for a mains adaptor is included in the price. The folio has a 40 **character** by eight line supertwist LCD screen with IBM extended **ASCII character** set. An optional **moving** "window" is available for an 80 by 25 text screen when usind data from a...

...programs that can exchange information between themselves, or be printed. There is an address and **phone** book which is accessed like a card indexed system. The program can sort entries, merge...

...computer is switched off; and a text processor which can cut, store, paste, mark, and **move** text but which does not do desktop publishing! Finally, a Lotus 1-2-3-compatible...

27/3,K/19 (Item 11 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01275428 SUPPLIER NUMBER: 07956158

**Baler spreadsheet compiler is powerful and easy to use. (Software Review)**  
**(Baler Software's Baler 5.0) (evaluation)**

Walkenbach, John

InfoWorld, v11, n50, p80(3)

Dec 11, 1989

DOCUMENT TYPE: evaluation

ISSN: 0199-6649

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: its spreadsheet compiler, improving the speed and compatibility with Baler 5.0. Baler produces semicompiled **run** -time versions from .WKS, .WK1 and .WR1 format files. The resulting compiled worksheet can be...

...included, as are utilities with which to improve the looks of the screen with extended **ASCII characters**, compress or expand files and reduce file size by removing blank cells. Baler consumes more...

...number are improved upon. Ease of learning and use are excellent and documentation is good. **Phone** and technical support are also good.

**27/3,K/20 (Item 12 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01261999 SUPPLIER NUMBER: 07197881 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Applications software. (buyers guide)**

DG Review, v6, n2, p12(11)

Winter, 1988

DOCUMENT TYPE: buyers guide

ISSN: 1050-9127

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 14755 LINE COUNT: 01350

... high performance D100, D200 or D400 terminal. Features include exact emulation of editing features, protected **character** fields, programmable margins, **graphics** modes and all cursor-related functions; independent vertical **scrolling** and window erase with simultaneous display of normal and compressed windows; full 162- **character** width via dynamic horizontal **scrolling**; colorful EGA display by menu selectable mapping of any combination of dim, blink underline and...

...any combination of foreground and background colors. Additional features include full keyboard softkey/macro programming, **phone** directory, user-definable help windows and **ASCII**, KERMIT and XMODEM file transfers. Price: \$160 CPU: DG/One, Dasher/One, Dasher/286 Operating...

**27/3,K/21 (Item 13 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01246002 SUPPLIER NUMBER: 06829705 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Utilities and languages. (supplement to DG Review) (directory)**

DG Review, v8, n10, pS4(8)

June, 1988

DOCUMENT TYPE: directory

ISSN: 1050-9127

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 9309 LINE COUNT: 00835

... high performance D100, D200 or D400 terminal. Features include exact emulation of editing features, protected **character** fields, programmable margins, **graphics** modes and all cursor-related functions; independent vertical **scrolling** and window erase with simultaneous display of normal and compressed windows; full 162- **character** width via dynamic horizontal **scrolling**; colorful EGA display by menu selectable mapping of any combination of dim, blink, underline and...

...any combination of foreground and background colors. Additional features include full keyboard softkey/macro programming, **phone** directory, user-definable help windows and **ASCII**, KERMIT and XMODEM file transfers. Price: \$160 CPU: DG/One, Dasher/One, Dasher/286 Operating...

**27/3,K/22** (Item 14 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01213337 SUPPLIER NUMBER: 05158761 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PCs and fax get it together. (a summary of how fax works when connected to a personal computer and reviews of seven PC-fax products)**  
Rosch, Winn L.  
PC Magazine, v6, n12, p255(6)  
June 23, 1987  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2499 LINE COUNT: 00191

... controlled the process. It sent commands to the fax machine telling it to dial the **phone** and deliver transmissions to entire groups of recipients. The PC could also access the fax data **stream**, recording it on-disk, storing documents, or previewing **images** before they were sent or after they were received. A software utility could convert standard **ASCII** files into fax-compatible data.

The new approach does away with the fax machine entirely...

**27/3,K/23** (Item 15 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01176740 SUPPLIER NUMBER: 04254831 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Desktop organizers: top-notch efficiency tools. (Software Review)**  
(evaluation)  
Burns, Diane; Venit, S.  
PC Magazine, v5, n10, p165(9)  
May 27, 1986  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4929 LINE COUNT: 00370

... and printer.

The editor is capable of creating a document of up to 400 80 **character** lines and is more than adequate for writing batch files, memos, and rough drafts. You...

...tab function and automatic reformatting. And, while it can import from or export to an **ASCII** text file, it is incapable of cutting and pasting from the screen. Up to six...

...time. The calendar provides eight lines for free-form entries. You select dates either by **scrolling** with the function keys or by following the screen prompts and entering the date from the keyboard. The **phone** book comes up with a date-entry screen that contains fields for a last name  
...

**27/3,K/24** (Item 16 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01112813 SUPPLIER NUMBER: 00628296  
**Desk Accessories: Mini-Programs that Work with Your Applications without Getting in the Way.**  
Don, J.C.  
Popular Computing, v4, n10, p58-62

Aug., 1985

DOCUMENT TYPE: evaluation  
RECORD TYPE: ABSTRACT

ISSN: 0279-4721

LANGUAGE: ENGLISH

ABSTRACT: Six desk-accessory packages are evaluated; all **run** on IBM PC, AT, XT and compatibles, and come as RAM-resident or disk-based...

...My Desk, \$199, requires 192K-bytes RAM-based-120K-bytes disk-based memory, has a **phone** management system, and Rolodex-type card file, but lacks a notepad feature. Polywindows Desk, \$49...

...95-\$84.95 unprotected, requires 64K-bytes of RAM, has a code display of all **ASCII characters**, a notepad with alternative word processing capabilities, a calculator that is too complex, and a...

**27/3,K/25 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02388652 Supplier Number: 44718294 (USE FORMAT 7 FOR FULLTEXT)

**EPA Database**

Recycling Coordinator, v2, n3, pN/A

June, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 2695

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...disposal practices favor greater incentive to reduce waste. The database is available on diskette in **ASCII**, Lotus 1-2-3, and Paradox 4.0. Unit based pricing of MSW waste has...

...community in one-page descriptions, relaying three categories of information. The first category, General Program **Characteristics**, provides summary information on general traits of a community's unit pricing program. Concurrent Programs...

...financial organization of a community's unit pricing program. General Program The section General Program **Characteristics** provides summary information on general traits of each community's unit pricing program, beginning with...yard waste program. Only 46.3 percent of the subscription can programs in the database **run** such a program. An oversize goods program is the second most popular program with 80...

...the concept of volume-based pricing to the yard waste component of the solid waste **stream**. Further, eight of the communities charge a fee for participating in the recycling program the...Research Branch, U.S. EPA, 401 M Street, S.W. (PM -221), Washington, DC 20460, **phone**: (202) 260-5500, FAX: (202) 260-5732.

**27/3,K/26 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02119666 Supplier Number: 43941591 (USE FORMAT 7 FOR FULLTEXT)

**MULTI-TECH INTRODUCES STAND-ALONE AND NETWORKED FAX SOFTWARE FOR WINDOWS**

LAN Product News, v5, n7, pN/A

July, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 601

... can elect to Send or Receive faxes, or Configure MEWFAX parameters. With the "drag/drop" **icon**, one can send a fax directly from the File Manager. After composing or selecting from...

...as specifying parameters (either customized or default) and selecting page orientation and paper size. The **Phone** Book lets a user **scroll** through a complete listing of all MEWFAX **Phone** Books, Groups of individuals, or individual fax recipients. There is even a feature that allows the user to import new **Phone** Book members from other programs which store data in **ASCII** file format. "Viewer" displays pending or received faxes, which can be enlarged, reduced, flipped (upside...

**27/3,K/27 (Item 3 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02119365 Supplier Number: 43941062 (USE FORMAT 7 FOR FULLTEXT)  
**NEW COMMUNICATIONS SOFTWARE OFFERED FOR WINDOWS**  
GUI Program News, v4, n7, pN/A  
July, 1993  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 602

... can elect to Send or Receive faxes, or Configure MEWFAX parameters. With the "drag/drop" **icon**, one can send a fax directly from the File Manager. After composing or selecting from...

...as specifying parameters (either customized or default) and selecting page orientation and paper size. The **Phone** Book lets a user **scroll** through a complete listing of all MEWFAX **Phone** Books, Groups of individuals, or individual fax recipients. There is even a feature that allows the user to import new **Phone** Book members from other programs which store data in **ASCII** file format. "Viewer" displays pending or received faxes, which can be enlarged, reduced, flipped (upside...

**27/3,K/28 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03863783 Supplier Number: 45544283 (USE FORMAT 7 FOR FULLTEXT)  
**Remote Node: What's In The Box?**  
Network Computing, p126  
May 15, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 895

... remote node is a good choice. Many boxes are able to handle not just PCs **running** Novell IPX connections, but also Macs using Apple Computer's ARA v2.0 and other protocols. The user dials into the same set of **phone** lines, logs into the server with standard **ASCII** **characters**, and moves on to their protocol of choice. There are occasional restrictions on some boxes...

**27/3,K/29 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03849994 Supplier Number: 45516204 (USE FORMAT 7 FOR FULLTEXT)  
**Fax-On-Demand For Everyone**  
Network Computing, p56  
May 1, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 650

... We configured the unit using the serial link. We created our voice

prompts using the **phone** , and the fax documents as .PCL files. The system also accepts .WAV files as audio sources and .TIF, .PCX or **ASCII** text files as **image** inputs. This lets anyone **running** Windows create fax documents from a variety of sources.

Copying the documents to the system...

**27/3,K/30 (Item 1 from file: 160)**  
DIALOG(R)File 160:Gale Group PROMT(R)  
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02430755

**MICROPLOT INTRODUCES PC-PLOT-U SOFTWARE**  
News Release November 29, 1989 p. 1

...for personal computers. It provides advanced features such as script files for automatic log-in, **ASCII** , KERMIT and XMODEM file transfers, full-text pop-up help screens, programmable function keys, redefinable keyboard layout, multiple communications setups online, large **phone** book for frequently used numbers, and hot key access to MS-DOS while PC-PLOT is still **running** . PC-PLOT-U also includes a complete text editor built into the program so that...

... appears to a remote host computer to be several different types of terminals. In hardware **character** mode, it appears to be a DEC UT-100/200 terminal so the user can...

... use PC-PLOT to read mail, compose letters using a text editor, or any other **character** -based task. If the program **running** on the host computer expects a **graphics** terminal, PC-PLOT-U can automatically switch into **graphics** mode and appear to be either a Tektronix 4010/4014 monochrome **graphics** terminal or a Tektronix 4105/4207 color **graphics** terminal.

...

**27/3,K/31 (Item 2 from file: 160)**  
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02416557

**MACRONIX DEBUTS FAX/MODEM BOARD WITH AUTOMATIC CALL ROUTING**  
News Release December 1, 1989 p. 1

... intervention. This unique feature allows users to receive fax or modem transmissions on a single **phone** line without prior user selection of communications options. Designed for IBM PC/XT/AT compatible...

... fax and the Hayes AT command set. MaxFax features background operation, allowing the user to **run** other applications without interruption. MaxFax supports **ASCII** /.PCX files, word processing file formats and capture of text and **graphics** printer output. ...

**27/3,K/32 (Item 3 from file: 160)**  
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02166433

**Free HyperRez hypertext system for ASCII-file word processors**  
News Release March 9, 1989 p. 1

... HyperRez hypertext program. The 18-K memory- resident HyperRez program allows users to build and **run** rapid-access knowledge systems using any word processor that creates **ASCII** files. The HyperRez program runs on all IBM-PC compatible computers including floppy disk, hard...

...obtained from the HyperBBS Bulletin board (415) 540-6114. For additional information, contact MaxThink by **phone** (415) 540-5508. To simplify

learning, all hypertext operations are selected and controlled by just...

... The four arrow keys provide rapid hypertext jumps between files, screens, lines, words, directories, and **graphics**. Such jumps give users instant access to reference material, software documentation, and details contained in text databases. Any **ASCII** file word processor can create such hypertext jumps. The number of hypertext jumps and files...

27/3,K/33 (Item 4 from file: 160)  
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01970756

**MOLECULAR DESIGN LIMITED WILL RELEASE A NEW VERSION OF CHEMTEXT, COMPLETE WITH SPELLCHECKER**

News Release February 22, 1988 p. 1

... announced today that next month it will release a new version of ChemText (TM), the **image** and text processor for the chemical and pharmaceutical industries, one of four programs in its...

... Series (TM) (CPSS). ChemText version 1.2 has several enhancements over earlier versions, including a **phonetic** -based spellchecker is four languages, substantially expanded memory support, increased printer support and a **graphics** preview feature. Accessible from the keyboard, the spellchecker can be set for American English, British...

... ChemText in restricted memory situations such as network nodes. The expanded memory holds documents and **images**, enabling fast **scrolling**, even of documents with multiple complex **images**. ChemText will still require a minimum of 400K free RAM to load. Version 1.2... 119

... 300 DPI; earlier versions of ChemText support this printer at 150 DPI only. The new **graphics** preview function displays a scales-down version of all **images**, allowing the user to get a true preview of the document with both text and **graphics**. Other new features of ChemText 1.2 include the following: o Font Restyle in the Main Menu area (the area where **images** are created). This allows users to change text strings from one font to another, for example from Roman to Helvetica 18. o Expanded European **character** support. ChemText 1.2 supports all of the European **characters** in the IBM extended **ASCII character** set. Thus, European **characters** can be used in many fonts and emphases not previously supported. European users can read **ASCII** files from other systems into ChemText without losing standard **characters**.

Full text available on PTS New Product Announcements.

...

27/3,K/34 (Item 5 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01789919

**VT220 Emulator connects IBM PS/2 Systems to the DEC VAX**  
News Release August 14, 1987 p. 1

... VAX computers. In version 3.2, support has been added for the PS/2 Video **Graphics** Array (VGA) display adapter. ZSTEM supports all VT220 attributes including true double high/double wide **characters**, true smooth **scrolling**, and true 132-column mode. Additional capabilities have been included in Version 3.2. Ungermann...

...are not PS/2 specific have also been added in Version 3.2. The ATI **Graphics** Solution, Hercules InColor card, Hercules **Graphics** card and compatibles are now supported in 132-column mode, the display driver for the IBM Color **Graphics** Adapter (CGA) has been extended to display 128 columns in 132-column mode (the last...

... 2 are in addition to the already extensive feature set: true double-high/double wide **characters** on EGA and CGA displays, 43 line mode and 132-column display on most EGAs (standard EGAs by using KEA's EGAmate option), **phone** directory, DOS access, user definable HELP screens, ISO and attribute mapped color support, and **ASCII**, KERMIT, and XMODEM file transfers. Data rates to 38.4 kBaud are supported.  
Full text...

27/3,K/35 (Item 6 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01645400

**TELEXPRESS, INC ANNOUNCES THE RELEASE OF TERMINAL EMULATION SOFTWARE FOR THE AT&T 5425/4425 BUFFERED DISPLAY TERMINAL .**  
NEWS RELEASE May 11, 1987 p. 11

... AT&T 5425/4425 modes of operation: \* Set up screens compatible with the terminal itself. \* **Scroll** mode which supports a Memory Access Screen of 78 rows by 80 columns and up to three **scroll** regions. \* Window mode which supports four windows on the screen simultaneously with one active at ...

... keyboard labels. \* All communications modes including conversational, line, and block mode. \* Downloadable function keys. \* Five **character** sets including United Kingdom, United States, line drawing, securities industry, and mosaic. \* Buffered transparent print. \* 132 column mode on an 80 column screen. \* Baud rates up to 9600 baud without **character** loss. In addition, the product supports emulations for DEC VT100, VT52, and VT220. It includes a **phone** manager that supports auto-dial and auto- login as well as modem definition capabilities. It also supports extensive file upload/download/transfer capabilities which include unblocked **ASCII**, X-Modem, and the Telexpress proprietary protocol to provide error-free transfer with other Telexpress...

27/3,K/36 (Item 7 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01549488

**ZSTEMpc-VT220.**  
NEWS RELEASE October 24, 1986 p. 11

... defense, education, and business communities. Like its predecessor, ZSTEMpc-VT200 supports double high/double-wide **characters**, smooth **scrolling**, and the complete line **graphics** set when **run** on a system with a CGA or EGA, and includes full keyboard softkey/MACRO programming, DOS access, **phone** directory, user programmable help facility, and **ASCII**, XMODEM, and KERMIT file transfers. In addition ZSTEMpc-VT220 includes full VT100 and VT52 support, 8-bit mode, user defined keys (UDK), downloadable fonts (DRCS), and national replacement **character** sets with full support of national/multinational modes. A number of features which were available ...

... screen within region, print screen to disk, and autoprint are all supported. Multinatioanal/ 8-bit **characters** are supported on the IBM **Graphics**, Roland PR1111, and compatible printers. A number of keyboards, including the new IBM enhanced keyboard...

... XT, or AT with a minimum of 256kB, one serial port or internal modem, color- **graphics** (CGA), monochrome (MDA), Hercules (HDA), or ehchanced **graphics** adaptor (EGA), one floppy drive, and MS-DOS version 2.0 or later.  
...



27/3,K/37 (Item 8 from file: 160)  
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01490650

**DATA RACE ANNOUNCES TOWER MODEL OF HIGH SPEED DIAL-UP INTELLIGENT MODEM.**  
NEWS RELEASE August 4, 1986 p. 11

... modem for use in interactive applications over dial-up telephone lines by users of asynchronous **ASCII** terminals and PC's. The RACE Tower differs from its companion "Traditional" RACE in having...

... display vital information about the state of the data link while simultaneously making remote terminals **run** as fast as if locally connected to host CPU. RACE Tower embodies the same operating...

... horizontally packages Traditional RACE, namely: full duplex, error-protected operation with throughput over 1,000 **characters** per second on dial-up lines. Both Tower and Traditional RACE modems improve interactive user productivity while sharply reducing **phone** line costs. Proprietary data compression techniques help achieve RACE's effective data throughput of 1,000 **characters** per second, or more depending on the compressibility of transmitted data. Such throughput is equivalent...

27/3,K/38 (Item 9 from file: 160)  
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01476339

**LIVING VIDEOTEXT ANNOUNCES SHIP DATE FOR INTEGRATED, GRAPHICS- BASED IDEA PROCESSING SOFTWARE FOR MACINTOSH.**  
NEWS RELEASE (FOR FURTHER INFORMATION APPLY TO COMPANY INDEXED) June 16, 1986 p. 12

... development to presentation by combining the flexibility and organizational power of outline processing with the **graphic** capabilities of the Macintosh computer. MORE instantly transforms outline structures into bullet charts or tree...

... screen or output to a dot matrix or laser printer for paper or transparency copies. **Graphic** formatting commands can be used to select borders, backgrounds, front styles, sizes, shading, and spacing. The desktop presentation capabilities of MORE are analagous to the **graphic** views of spreadsheets in Lotus 1-2-3 or Microsoft Excel, letting users easily **move** from text representations to **graphic** representations of information. With MORE as a composition system, a library of slides can be ...

... with any of the outline editing commands. Time/date stamping, an automatic calendar, and a **phone** dialer are included. In addition, an "outline math" function is provided for totalling amounts listed...

... can be exported to MacWrite, MacDraw, Microsoft Word, Excel and Lotus Jazz or as standard **ASCII** text files. MORE can also output color **graphics** on the **Imagewriter** IIP No PADS orders accepted. Full text available on PTS NPA. ...

27/3,K/39 (Item 10 from file: 160)  
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01176996

**News: Phones and LANs from AT&T.**  
INFOWORLD April 15, 1985 p. 171

... with its new Unix PC, which include a Starlan local area network,

telephone management software, **phone** interface hardware with modem and a Personal Terminal. Software developed for IBM PC Network and Microsoft's MS Network will **run** on Starlan. Starlan carries only one kind of video, voice or computer data signals at...

... and connects to the Unix PC or any other large computer that communicates in asynchronous **ASCII characters**. The soft-touch screen produces a stronger signal than conventional hard-touch screens.

...

**27/3,K/40 (Item 1 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03991556 SUPPLIER NUMBER: 14168835 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Phone-line simulator. (includes related article)**  
Carter, John E.  
Electronics Now, v64, n8, p58(7)  
August, 1993  
ISSN: 1067-9294 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3817 LINE COUNT: 00278

... If you have a fax card in your computer and a stand-alone fax machine, **Phone** Helper will permit you to convert your fax machine into a full-page scanner. Insert a page of **images** and text that you want to enter into your computer into your stand-alone fax...

...Then "call" your fax card (any number will do) and send it the text or **images**. You can now modify your computer files with a **graphics** editor or **run** the text through an optical **character** recognition program to convert the scanned-in text into an **ASCII** file.

Modems can be tested in exactly the same way. The only difference will be...

**27/3,K/41 (Item 2 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03380540 SUPPLIER NUMBER: 08189801 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Forget the taxi meter and ride in style: editors for online searching and communication. (column)**  
Nielsen, Brian  
Online, v14, n1, p86(4)  
Jan, 1990  
DOCUMENT TYPE: column ISSN: 0146-5422 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 3051 LINE COUNT: 00228

... that it stands for American Standard Code for Information Interchange, just say it "ASK-ee.") **ASCII** 's the computer standard for representing letters of the alphabet and other **characters** so that when you go online, the keys you tap when you begin 37 or...

...ti/doc=1 are understood by the big computer on the other end of the **phone** line is precisely the **stream** of alphanumeric **characters** you intended. If you key **characters** directly while connected to the remote computer, a typo may result in an error message...

**27/3,K/42 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07507182 SUPPLIER NUMBER: 15712061 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Voice/image system provides remote inspection tool. (Vision Connect from EuroQuest Solutions)**

Offshore, v54, n8, p170(1)

August, 1994

ISSN: 0030-0608

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 658

LINE COUNT: 00050

... operates over public switched telephone network lines, including cellular systems. Using a satellite link, frozen **images** captured by a camcorder or any video source are transferred from one PC to another over a single PSTN **phone** line. Transmitted data can include **motion** clips, bit maps, photographs, and voice messages. It's all stored in **ASCII** format by the PC at the receiving end.

One of the main markets the team...

27/3,K/43 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05433429 SUPPLIER NUMBER: 11101006 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Computers. (Instruments & Controls) (The 1991 Plant Engineering Encyclopedia)**

Plant Engineering, v45, n14, p286(2)

July 18, 1991

ISSN: 0032-082X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1523

LINE COUNT: 00123

TEXT:

...Application - Specific purpose for which a software program is written (spreadsheet, database, maintenance, CAD/CAM). **American Standard Code for Information Interchange (ASCII)** file - One of several standard **character** sets used in the computer industry. A **character** set represents **characters** by numbers. An **ASCII** file includes **characters** from the **ASCII character** set. AUTOEXEC.BAT - Special file **run** every time a workstation is powered or rebooted. Commands in AUTOEXEC.BAT control the way...

...the file server; handles the users access to those files, along with network printing functions. **Graphical** user interface (GUI) - Refers to the ability of an application to display information on the screen, pixel by pixel. Allows programs to display **pictures**, as well as text, on the screen. Generally speaking, applications with GUIs are normally easier...

...equipment, such as CPU, boards, cables, printers, disk drives, etc. that make up a computer. **Icon** - Used in window-based programs, an **icon** is a small **symbol** on the screen which represents a program. Using a mouse, program is activated by pointing the cursor arrow at its **symbol**. Interactive - Involving a dialogue between the user and computer, interactive refers to computer processing which...

...a list of menu choices on computer screen. Mouse - Small hand-operated device used for **moving** the cursor that reduces amount of typing necessary. Mouse driven - Refers to computer program with all personal computers. Read only - Filed **characteristic** which allows viewing of data without update. Record locking - Process of keeping different users from...

...ring. Text-based interface (TBI) - Refers to interface only capable of displaying alphanumeric and punctuation **characters** at the terminal. These types of interfaces are common in older PC applications. Newer interfaces capable of displaying **graphics** and text together are replacing the text-based systems. User interface - Software component that displays...

...a user interacts with. There are two primary forms of user interfaces: text based and **graphical** user interface. Wide area network (WAN) - Refers to a group of personal computers separated by distances exceeding the limits of a LAN. Usually, PC's are connected over **phone** lines or high speed data lines. Windows - Refers to a section of the screen normally...

27/3,K/44

(Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03930088 SUPPLIER NUMBER: 07831197 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SideKick Plus at the reference desk: telecommunications and appointment reminders. (part 2)**

Trautman, Rodas

Library Software Review, v8, n3, p138(5)

May-June, 1989

DOCUMENT TYPE: evaluation ISSN: 0742-5759 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 4330 LINE COUNT: 00336

... Organization of a Phonebook

SK+ communications are structured around a telephone-like directory called a **phonebook**, that is a proprietary, non-ASCII file used by the **Phonebook** module. There can be any number of special-purpose **phonebooks** with different filenames. The **phonebook** summary acts like a control center for certain major actions and contains an eight-**character** index, the name, and the **phone** number for each entry. As such, a **phonebook** combines the "white and yellow" pages of its real-world counterpart. New entries, including the...

...are automatically alphabetized by the index, which could contain names or classifications, or both. Besides, **scrolling** in the summary window, there is a fast first-**character** search of the index to find a listing for a voice or data call. Alternatively, a global **character** string search can be done, optionally limited just to (1) data in the summary; (2) address information, including a brief note in the **phonebook** input/output form; (3) an extensive attached note optionally available for each entry; or (4  
...

27/3,K/45 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2002 CMP Media, LLC. All rts. reserv.

01053966 CMP ACCESSION NUMBER: NWC19950515S0046

**Remote Node: What's In The Box?** (Everything you should know before you buy  
)

George Bing

NETWORK COMPUTING, 1995, n 60, PG126

PUBLICATION DATE: 950515

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Buyers Guide

WORD COUNT: 1105

... remote node is a good choice. Many boxes are able to handle not just PCs **running** Novell IPX connections, but also Macs using Apple Computer's ARA v2.0 and other protocols. The user dials into the same set of **phone** lines, logs into the server with standard **ASCII characters**, and moves on to their protocol of choice. There are occasional restrictions on some boxes...

27/3,K/46 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2002 CMP Media, LLC. All rts. reserv.

01051371 CMP ACCESSION NUMBER: NWC19950501S0027

**Fax-On-Demand For Everyone** (Internet)

Eric Carr

NETWORK COMPUTING, 1995, n 605, P56

PUBLICATION DATE: 950501

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Sneak Previews

WORD COUNT: 673

... We configured the unit using the serial link. We created our voice prompts using the **phone**, and the fax documents as .PCL files. The system also accepts .WAV files as audio sources and .TIF, .PCX or **ASCII** text files as **image** inputs. This lets anyone **running** Windows create fax documents from a variety of sources.

Copying the documents to the system...

27/3,K/47 (Item 3 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01022635 CMP ACCESSION NUMBER: WIN19940501S2372

**QmodemPro 1.0 - Flexible Comm Package**

James E. Powell

WINDOWS MAGAZINE, 1994, n 505, 112

PUBLICATION DATE: 940501

JOURNAL CODE: WIN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: First Impressions

TEXT:

... support diagnosed an incorrect modem setting that I hadn't detected, I was up and **running**. QmodemPro's main screen has a status line that shows time on- line, communications rate...

...per second) and so forth. Above the status line, a macro bar displays buttons for **running** user-defined macros. A toolbar at the top of the screen provides shortcuts for frequently...

...for the communications session. During a session, you can mark, copy and paste information, and **scroll** backward to view previous screens. You can also take a snapshot of a screen or...

...encountered to a log file. Each entry in the dialing directory can have a primary **phone** number and four alternates, as well as a user ID and password that can be used in a log-on script. For one-click dialing, you can assign an **icon** to each directory listing. QmodemPro tracks each directory entry, listing the number of calls and...

...over 30 terminal emulations, including TTY; Wyse; VT 52, VT 100 and VT 102; and **ASCII**. The standard file-transfer protocols are all supported, from **ASCII** to Zmodem. QmodemPro makes uploading and downloading easy. A dialog box displays estimated, elapsed and...

...as well as total blocks and bytes transferred and error messages. A gauge shows progress **graphically**. QmodemPro includes a file viewer. /P If you use QmodemPro to connect to a service that uses Wildcat BBS software (also from Mustang), you'll be able to use a **graphics** mode called RIPscrip emulation. With GUI features such as buttons, RIPscrip provides a Windows-like...

...dedicated fax program, such as Delrina's WinFax Pro, but it will rasterize and send **ASCII** text files, as well as .BMP and .PCX files, and add a cover page. You...

...the ground up for Windows. For example, the toolbar isn't customizable. And while the **phone** book can be sorted, you can't rearrange entries with drag-and-drop or even...

27/3,K/48 (Item 4 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01022114 CMP ACCESSION NUMBER: WIN19940601S1845

**In Search of the Perfect PIM**

James E. Powell

WINDOWS MAGAZINE, 1994, n 506 , 264  
PUBLICATION DATE: 940601  
JOURNAL CODE: WIN        LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Reviews

TEXT:

... page and so on); a dialer; room for names and addresses; and at least three **phone** numbers per entry. Most scheduling windows are subdivided into hourly or half-hour increments. All...

...and many allow you to complete this same task by dragging a name from the **phone** book to the scheduler. You can add reminder alarms to appointments to pop-up, say...

...to-do list that rolls unfinished items to the next day. Click on the pencil **icon** and you can keep a daily journal (using Notepad as the text processor) for recording...

...events of the day. You can display a cartoon by clicking on the smiley-face **icon** . Although it always seems to start at the same cartoon every day, you can click...and Upcoming sections. You can define how far ahead you look for Upcoming events. The **phone** book can store up to four **phone** numbers per entry, including extensions for each, a rarity. Unlike other PIMs, however, it makes...address, title and so on), then click on the Links button to see all appointments, **phone** calls and other contacts. That's right, you can link contact records together, which comes...

...s data. It works in reverse, too. If you drag a contact to the telephone **icon** , the dialer places the call, and a dialog box for recording conversation details pops up...

...screen. On-Schedule doesn't waste space, either. You can set the labels for the **phone** number fields (for example, Fax, Cellular, **Pager** ) to apply to all records, then override them for a single contact, letting you customize **phone** labels for a contact who has two fax machines but no cellular **phone** . The Find feature remembers your last request, and it's easy to find only the overdue or top-priority items in your to-do list. On-Schedule includes a **graphical** report designer similar to those found in database programs, although the standard reports are already...

...breadth of features, and incorporating the best way to connect the bits and pieces (appointments, **phone** calls, reminders and contacts) of your day. Organizer 1.1 Lotus has done a number...

...does have a few limitations, though. When you drag an address book entry to the **phone icon** for dialing, the dialer does not record the contact's name in the notes, and the **phone** log isn't searchable. And in the scheduler you couldn't book two overlapping appointments...

...your own voice and play it back as an alarm, play a slide show of **images** or view humorous quotes. But installing these options can use a whopping 38MB or more...

...ROM version. The program can generate a choose box containing all the names in your **phone** book, so you don't have to worry about typing unusual spellings or particularly long...to-do list and telephone book on the main screen. Drag the name from your **phone** book to the appointment area, and the new appointment dialog box provides a default description...

...and select row(s) or column(s) to exclude, then export the data to an **ASCII** file or to Excel 4.0 using DDE. But importing has a severe limitation: You...

...add radio buttons, multiline text fields (for notes or lengthy descriptions), check boxes and even **phone** fields that automatically format your data. Winfo Pro includes a **graphical** forms designer to display and enter the information, and you can create custom columnar lists...

...forms that takes some getting used to, but you'll save time in the long

**run** because it lets you build a form for data entry and then use the form...

...the layout for a report. The program has plenty of predesigned forms that you can **run** right out of the ...program is loaded with shortcuts. It provides A-Z buttons along the top of its **phone** database window so you can quickly jump to names beginning with the selected letter. You...

27/3,K/49 (Item 1 from file: 674)  
DIALOG(R) File 674:Computer News Fulltext  
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045745

#### Marking

NetworkWorld Review, NetworkWorld TEST ALLIANCE

These network schedulers help battle communication breakdowns.

Byline: Stuart Melnitsky

Journal: Network World Page Number: 36

Publication Date: July 24, 1995

Word Count: 1919 Line Count: 175

#### Text:

... DOS client. Multiple OnTime services may reside on the network, but only one service may **run** on a single server. The user databases are placed in their own directory, but users...

... edit or delete existing meetings). After adding users to the OnTime service, an administrator must **run** the UINSTALL program to install the client software on each user's desktop. OnTime places...

... are installed. On our network, that meant users did not have rights to view and **run** UINSTALL, so we had to grant those rights as a separate step. Like OnTime, CaLAndar offers a Windows and DOS interface, but it doesn't **run** as an NLM. It relies heavily on E-mail applications to handle communication among different...

... our network were able to install the client portions of CaLAndar on their workstations by **running** a setup file from the network drive. CaLAndar can use a NetWare bindery or NDS...

... lies in its intuitive interface, which provides several views (daily, weekly, monthly and list), an **icon** bar and time line **graphics** (see Figure 2, page 36). The list view shows all appointments, tasks and messages for...

... but appears somewhat staid, particularly compared to other Windows applications that employ more vibrant **icon**-based interfaces. OnTime: A user's view OnTime is a group scheduler that also provides...users may request that invitees RSVP. Invitees who are asked to respond see an RSVP **icon** next to the meeting request in the notification window. By clicking on the **icon**, invitees can see the list of attendees and decide whether to accept the invitation. The...

... schedules in a variety of formats. Similarly, OnTime calendar information can be exported as an **ASCII** file for use in other applications or palmtop devices. Calendar redux CaLAndar, like OnTime, lets ...

... CALaWay. We particularly liked CALoDEX, which is essentially an address book that holds names, addresses, **phone** numbers and other related information. Users can create their own personal CALoDEX entries and can...

... Although some people may find this useful, we'd probably just opt for using the **phone** or E-mail. Users can also exchange messages through the eNotes feature, which, in-stead...

... either of these products. We preferred CaLAndar's user interface. Its

combination of views and **icons** will appeal to users, even the more computerphobic ones. But from a systems administration perspective...

27/3,K/50 (Item 2 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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042996

**More messaging options deliver selection headaches  
Buyer's Guide**

**As products are recast to give users more and better ways to send messages, net managers are left with the tough task of sorting through E-mail products.**

Byline: Daniel Blum and Gary Rowe  
Journal: Network World Page Number: 53  
Publication Date: March 13, 1995  
Word Count: 3927 Line Count: 375

**Text:**

... clients can now access Digital Equipment Corp. and Hewlett-Packard Co. E-mail servers. This **move** to a client/server architecture is intertwined with growing end-user demand to have messaging...

... addition to text. Extensive use of voice and video attachments will follow as sound and **motion pictures** become common features in desktop applications. Older E-mail systems cannot handle this volume. ARCHITECTURAL

...common in the Net environment, where multiple Internet mail servers will support connections with clients **running** the Post Office Protocol (POP) 3 or Interactive Mail Access Protocol (IMAP). Clients in this...different address book on the client. On another front, there is a growing trend to **run** messaging clients on multiple operating systems, such as DOS, IBM's OS/2, various flavors...

... Products vary in the level of support they provide for each platform on which they **run**. Buyers should verify that multiple platform clients really have a common look and feel that will enable an end user to easily **move** from a DOS machine to a Unix machine without having to relearn how to compose...

...Users on the road want to be able to tap into their E-mail from **paggers**, laptops and personal digital assistants, so vendors are increasingly giving them that capability. You should... or Windows NT. Unlike the single-tasking DOS, the newer operating systems are capable of **running** multiple tasks, or threads. This enables you to consolidate components, such as multiple MTAs on...

... s more robust operating systems. At first glance, the ability to decouple server components and **run** them on separate machines on some occasions but consolidate them on one machine on others...

... considerable effort. Overall, server-based rules are becoming a prerequisite if messaging systems are to **move** beyond casual E-mail to become intelligent vehicles for group collaboration. In terms of a...

...over the Internet in UUENCODE or BINHEX formats, which enables the files to travel in **ASCII** text to Internet mail gateways or sites that don't yet support MIME. Often, servers can **run** additional gateways, which can be a convenience but open up some performance problems if you...

... ensure that performance is not sacrificed on the altar of multiprotocol diversity. The ability to **run** MTAs and gateways separately makes it hard to tell what's included with a vendor...

... of the server architecture into enterprise grade functionality, taking on more of the attributes that **characterized** a backbone in the past. The information listed in the server-based messaging chart indicates...



... mail security is largely limited to a name and password check at logon time (see **graphic** , page 59). Government export controls on the use of public-key encryption technologies have, in...

... signature and public-key encryption support as an option with their products. As the inevitable **move** to client/server messaging is made, expectations are high but realities are sometimes grim. While...

... fully committing their mission-critical applications to messaging. ``In order to make it happen - actually **running** your business on messaging - do you care if it's pretty or do you want...

... they pick the right one, they will have a reasonable choice of state-of-the-**art** clients. If your installed base is dominated by a market leading platform such as cc...

**33/3,K/1 (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01504792 SUPPLIER NUMBER: 12002716 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The enabled computer. (regional winners of the National Search for  
Computing Applications to Assist Persons with Disabilities) (Column)**  
McCormick, John  
Newsbytes, NEW03270018  
March 27, 1992  
DOCUMENT TYPE: Column LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 995 LINE COUNT: 00082

... Hearing and Language related; Type: Software. This software allows  
a TDD user to access alphanumeric **paggers** leaving **messages** on the  
**paggers** . This software bridges the communication barrier of baudot and  
**ASCII** , making traditionally incompatible devices accessible to each other.  
This program is used by the paging...

**33/3,K/2 (Item 2 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01344525 SUPPLIER NUMBER: 08021496 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Paradox Development Corp. (Para-Mail 2.13) (Software Review) (one of three  
electronic mail system evaluations) (NetWare Message Handling System, wide  
area networks) (evaluation)**  
Alison, David R.  
PC Week, v6, n1, p66(2)  
Jan 8, 1990  
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 942 LINE COUNT: 00074

... table. (Useful for programmers, the ASCII table displays all 255  
printable IBM characters and their **ASCII** numeric equivalent.)

If a **phone message** needs to be taken or a fax sent, specific  
features help handle these tasks.  
When...

**33/3,K/3 (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01742298 Supplier Number: 42860478 (USE FORMAT 7 FOR FULLTEXT)  
**The Enabled Computer 03/27/92**  
Newsbytes, pN/A  
March 27, 1992  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 915

... Hearing and Language related; Type: Software. This software allows  
a TDD user to access alphanumeric **paggers** leaving **messages** on the  
**paggers** . This software bridges the communication barrier of baudot and  
**ASCII** , making traditionally incompatible devices accessible to each other.  
This program is used by the paging...

**33/3,K/4 (Item 2 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01433596 Supplier Number: 41902019 (USE FORMAT 7 FOR FULLTEXT)  
**BORLAND READY WITH NEW SIDEKICK, VERSION 2.0. INTRODUCES OBJECTVISION FOR  
WINDOWS:**

Technical Computing, v6, n4, pN/A  
March, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 271

... works with various LANs, laptops and handheld organizers, including the Sharp Wizard. It can send **messages** to electronic digital **paggers** . Hex codes and **Ascii** tables have been banished. A to-do list with a tickler is also available. Automatic...

**33/3,K/5 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04889267 SUPPLIER NUMBER: 09330792 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Stocking stuffer utilities; for the computer users on your list, utility programs are holiday hits. (evaluation)**  
Marmion, Dan  
Computers in Libraries, v10, n11, p30(3)  
Dec, 1990  
DOCUMENT TYPE: evaluation ISSN: 1041-7915 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 3137 LINE COUNT: 00226

... several prefab stacks that contain a cornucopia of miscellaneous information (area codes, measurement conversion tables, **ASCII** charts, etc.) and suggestions for using the program (tickler files, **phone message** forms, calendars, and more).

You can create hypertext links between notes. If you have a...

File 2:INSPEC 1969-2002/Aug W1  
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File 6:NTIS 1964-2002/Aug W2  
(c) 2002 NTIS, Intl Cpyrght All Rights Res  
File 8:Ei Compendex(R) 1970-2002/Aug W1  
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(c) 2002 The HW Wilson Co.  
File 144:Pascal 1973-2002/Aug W1  
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File 238:Abs. in New Tech & Eng. 1981-2002/Jul  
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File 111:TGG Natl.Newspaper Index(SM) 1979-2002/Aug 06  
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File 483:Newspaper Abs Daily 1986-2002/Aug 05  
(c) 2002 ProQuest Info&Learning  
File 248:PIRA 1975-2002Aug W2  
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Set	Items	Description
S1	7545	ASCII OR AMERICAN() STANDARD() CODE(1W) INFORMATION() INTERCHANG- NGE
S2	509049	GRAPHIC?
S3	2490594	ICON? OR IMAGE? OR SYMBOL?? OR PICTURE? OR PICS OR LOGOS OR LOGO OR HIEROGLYP?
S4	34916	TRADENAME? OR TRADE()NAME? OR TRADEMARK? OR TRADE()MARK?
S5	461450	ART (January 1971)
S6	437293	TEXT OR ALPHANUMERIC? OR ALPHABET?
S7	751376	DISPLAY?
S8	3083538	ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR - MOTION? OR STREAM? OR TICKER?? OR AUTOSCROLL?
S9	3398	S1 AND (S2 OR S3 OR S4 OR S5 OR S6)
S10	150	S9 AND S7 AND S8
S11	134	S10 NOT PY=>1996
S12	128	RD S11 (unique items)

12/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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5437308 INSPEC Abstract Number: C9701-7480-074

**Title: On development of engineering animation software**

Author(s): Pao, Y.C.

Author Affiliation: Dept. of Eng. Mech., Nebraska Univ., Lincoln, NE, USA

Conference Title: Computers in Engineering 1994. Finite Element Analysis. CAD/CAM, Fluid Mechanics and Energy Systems, AI/Feature-Based Design and Manufacturing, Computers in Engineering Education, Robotics and Controls, Multimedia Application/Interface. Proceedings Part vol.2 p. 851-5 vol.2

Editor(s): Ishii, K.

Publisher: ASME, New York, NY, USA

Publication Date: 1994 Country of Publication: USA 2 vol. xi+955 pp.

ISBN: 0 7918 1380 0 Material Identity Number: XX96-03109

Conference Title: Proceedings of International Computers in Engineering Conference

Conference Sponsor: ASME

Conference Date: 11-14 Sept. 1994 Conference Location: Minneapolis, MN, USA

Language: English

Subfile: C

Copyright 1996, IEE

**Title: On development of engineering animation software**

Abstract: A collection of demonstration programs for **animation** of engineering problems, ranging from the simple stretching of a rubber band to the cam rotary **motion** of a wankel engine, are discussed. Fundamental concept of **animation** using a microcomputer and a **display** monitor is explained through application of the extended **ASCII** codes and the BASIC commands ASC, BLOAD, BSAVE, CHR\$, DEF FN, DEF SEG, GET, INKEYS...

... PUT, RIGHTS, and SCREEN, and the QuickBASIC commands VARPTR and VARSEG. Menu arrangement of 14 **animation** programs for interactive selection is also illustrated as another example of employing these codes and...

...Descriptors: computer **animation** ; ...

...engineering-**graphics**

Identifiers: engineering **animation** software...

...cam rotary **motion** ; ...

... **animation** programs

12/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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5183222 INSPEC Abstract Number: C9603-6185-059

**Title: The power and performance of Proof Animation**

Author(s): Earle, N.J.; Henriksen, J.O.

Author Affiliation: Wolverine Software Corp., Annandale, VA, USA

Conference Title: 1995 Winter Simulation Conference Proceedings (Cat. No.95CB35865) p.494-501

Editor(s): Alexopoulos, C.; Kang, K.; Lilegdon, W.R.; Goldsman, D.

Publisher: IEEE, New York, NY, USA

Publication Date: 1995 Country of Publication: USA xxx+1463 pp.

ISBN: 0 7803 3018 8 Material Identity Number: XX95-02676

Conference Title: Proceedings of 1995 Winter Simulation Conference

Conference Sponsor: American Statistical Assoc.; ACM/SIGSIM; Inst. Oper. Res. & Manage. Sci.; Inst. Oper. Res. & Manage. Sci.; Inst. Oper. Res. & Manage. Sci./Coll. Simulation; IEEE/CS; IEEE/SMCS; IIE; NIST; SCS

Conference Date: 3-6 Dec. 1995 Conference Location: Arlington, VA, USA

Language: English

Subfile: C

Copyright 1996, IEE

**Title: The power and performance of Proof Animation**

**Abstract:** The Proof Animation 2.1 product family provides our customers with the tools for animating a vast array of applications. There is a version of Proof Animation to meet any need, from small and mid-sized projects to large scale applications. This...

... family runs on readily available, inexpensive PC hardware without the need for special hardware. Proof Animation is ASCII file-driven and features a general purpose design. Its vector-based geometry provides a large animation canvas with the ability to zoom in or out while maintaining crisp, clear images. Proof Animation's features include post-processing for maximum performance, built-in drawing tools and CAD import/export for ease of creating animation layouts, dynamic bar graphs and plots used for displaying statistics, a multi-windowing display, and a unique presentation-making capability. Because of its open architecture, Proof Animation can serve as the animation tool for models written in a wide variety of simulation and programming languages while remaining easy to use. Proof Animation's user interface is menu-based and can be accessed using either a mouse or keyboard. Its superior power and performance assures smooth, realistic motion for animations regardless of the size, complexity, or application.

Descriptors: computer animation ;

Identifiers: Proof Animation 2.1 product family...

... ASCII file-driven...

... animation layouts...

...multi-windowing display ;

12/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5016161 INSPEC Abstract Number: C9509-6130B-056

**Title: An automatic lip-synchronization algorithm for synthetic faces**

Author(s): Waters, K.; Levergood, T.

Author Affiliation: Res. Lab., Digital Equipment Corp., Cambridge, MA, USA

Conference Title: Proceedings ACM Multimedia '94 p.149-56

Publisher: ACM, New York, NY, USA

Publication Date: 1994 Country of Publication: USA 508 pp.

ISBN: 0 89791 686 7

U.S. Copyright Clearance Center Code: 0 89791 686 7/94/0010.\$3.50

Conference Title: Proceedings of ACM Multimedia 94

Conference Sponsor: ACM

Conference Date: 15-20 Oct. 1994 Conference Location: San Francisco, CA, USA

Language: English

Subfile: C

Copyright 1995, IEE

...Abstract: the ability to create a new range of talking personable synthetic characters. Based on plain ASCII text input, a synthetic speech segment is generated and synchronized in real-time to a graphical display of an articulating mouth and face. The key component of the algorithm is the run-time facility that adaptively synchronizes the graphical display of the face to the audio.

Descriptors: computer animation ;

...Identifiers: plain ASCII text ; ...

... graphical display ; ...

... run-time facility

12/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

4891832 INSPEC Abstract Number: B9504-6120B-056, C9504-7820-020

**Title: A platform for multilingual application development with Unicode standard**

Author(s): Liu, R.; Lions, J.

Author Affiliation: Sch. of Comput. & Eng., New South Wales Univ., Kensington, NSW, Australia

p.228-34

Editor(s): Tan, S.T.

Publisher: Nat. Univ. Singapore, Singapore

Publication Date: 1994 Country of Publication: Singapore x+420 pp.

ISBN: 981 00 5648 6

Conference Title: Proceedings International Conference on Chinese Computing '94 (ICC94) The Latest Technological Advancement and Application

Conference Date: 1-4 June 1994 Conference Location: Singapore

Language: English

Subfile: B C

Copyright 1995, IEE

Abstract: Computer systems have traditionally been based on English and **ASCII** characters. The Unicode is being established as a universal standard character set that assigns each...

... system seems a possibility of the near future. The paper describes an MGUI, a multilingual **graphical** user interface for the X window system. The MGUI (C++ class library) provides multilingual capability that can manipulate the Unicode characters as the routines for **ASCII** characters in ANSI C library, in constructing multilingual application programs via object-oriented programming. We also present mcxterm, a multilingual character terminal emulator. Mcxterm is capable of input and **displays** the Unicode characters. It permits a **text stream** of mixing different language characters. Combining mcxterm and MGUI provides an environment for multilingual application...

...Descriptors: **graphical** user interfaces

...Identifiers: multilingual **graphical** user interface...

... **ASCII** characters...

... **text stream**

12/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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4864900 INSPEC Abstract Number: C9503-6130B-008

**Title: Proof Animation : reaching new heights in animation**

Author(s): Earle, N.J.; Henriksen, J.O.

Author Affiliation: Wolverine Software Corp., Annandale, VA, USA

p.509-16

Editor(s): Tew, J.D.; Manivannan, M.S.; Sadowski, D.A.; Seila, A.F.

Publisher: IEEE, New York, NY, USA

Publication Date: 1994 Country of Publication: USA xxxi+1500 pp.

ISBN: 0 7803 2109 X

Conference Title: Proceedings of Winter Simulation Conference

Conference Sponsor: ASA; ACM/SIGSIM; IEEE/CS; IEEE/SMCS; IIE; NIST; ORSA; TIMS/CS; SCS

Conference Date: 11-14 Dec. 1994 Conference Location: Lake Buena Vista, FL, USA

Language: English

Subfile: C

Copyright 1995, IEE

**Title: Proof Animation : reaching new heights in animation**

Abstract: The Proof **Animation** 2.0 family of products is the latest achievement in Wolverine's ongoing commitment to produce innovative **animation** software. Proof **Animation** provides our customers with

software capable of **animating** a vast array of applications while remaining easy to use. This product family runs on readily available, inexpensive PC hardware. Proof **Animation** is **ASCII** file-driven and features an open architecture, general purpose design, vector-based geometry with the ability to zoom in or out while maintaining crisp clear **images**, post-processing for maximum performance, built-in drawing tools for ease of creating **animations**, dynamic bar graphs and plots used to **display** statistics, a multi-windowing **display**, and a unique presentation-making capability. Because of its open architecture, Proof **Animation** can serve as the **animation** tool for models written in a wide variety of simulation and programming languages. Proof **Animation**'s user interface is menu-based and easily navigated using either a mouse or keyboard. Its superior performance assures smooth, realistic **motion** for **animations** of all sizes and degrees of complexity.

Descriptors: computer **animation** ;

Identifiers: Proof **Animation** 2.0...

...innovative **animation** software...

... **ASCII** file-driven...

...multiwindowing **display** ; ...

... **animation** tool

12/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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4823538 INSPEC Abstract Number: C9412-7810C-055

**Title: Down-sizing in DOS: Multi-Media as inexpensive, omnipresent and user-based**

Author(s): Beam, P.

Author Affiliation: Dept. of English, Waterloo Univ., Ont., Canada

p.183-90

Publisher: ACM, New York, NY, USA

Publication Date: 1992 Country of Publication: USA viii+327 pp.

ISBN: 0 89791 532 1

U.S. Copyright Clearance Center Code: 0 89791 533 X/92/0010/0183\$1.50

Conference Title: Proceedings of SIGDOC '92: 10th Annual ACM Conference on Systems Documentation

Conference Sponsor: ACM

Conference Date: 13-16 Oct. 1992 Conference Location: Ottawa, Ont., Canada

Language: English

Subfile: C

...Abstract: module-topics, subject matter, sequencing and the availability of computer tools and devices. The program **displays** all materials immediately and permits spontaneous and continuous modification in creation mode where lessons can be linked to each other in larger units, **run** separately and linked to any executable, batch or **graphics** files to permit easy integration of other CAL and computer facilities. Users work within, and...

... and students can become participants in lesson creation and the preparation processes and of any **text** files within them. A "definition" option permits instructors to expand on and enrich terms within...

... globally throughout the lesson and to link ideas throughout the module. MENU is designed to **run** on very basic systems to support individuals in the preparation and learning of subject matter...

... created or modified by instructors at each point in the module. The creation elements include **display** screens, an **ascii** editor for both lesson creation and as the medium through which instructors and users prepare...



... mouse. The dat file within the MENU program permits instructors to make direct connections to **display** files as their familiarity with the creation process increases. MENU permits instructors to create materials...

...Identifiers: **ascii** editor

**12/3,K/7 (Item 7 from file: 2)**

DIALOG(R)File 2:INSPEC

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04222403 INSPEC Abstract Number: C9210-7310-012

**Title: Xgobi: a dynamic graphics program implemented in X with a link to S**

Author(s): Swayne, D.F.; Cook, D.

Author Affiliation: Bellcore, Redbank, NJ, USA

Conference Title: Computing Science and Statistics. Statistics of Many Parameters: Curves, Images, Spatial Models. Proceedings of the 22nd Symposium on the Interface p.544-7

Editor(s): Page, C.; LePage, R.

Publisher: Springer-Verlag, New York, NY, USA

Publication Date: 1992 Country of Publication: USA xiii+582 pp.

ISBN: 0 387 97719 8

Conference Date: 16-19 May 1990 Conference Location: East Lansing, MI, USA

Language: English

Subfile: C

**Title: Xgobi: a dynamic graphics program implemented in X with a link to S**

...Abstract: on the same platform. Xgobi helps to make this possible by bringing state-of-the-**art** dynamic **graphic** methods for the **display** and manipulation of scatter plots to the UNIX workstation, and linking them to the S...

... wide variety of workstation, X terminals, and personal computers, as well as the ability to **run** smoothly across a network. A user can **run** Xgobi and S simultaneously, making it possible to use each program's functions on the...

... coefficients and brushing characteristics can be saved in a format usable by S, or in **ASCII** files. A user can **run** two or more independent Xgobi processes and pass data between them. Xgobi also includes an...

Descriptors: computer **graphics** ; ...

... **graphical** user interfaces

Identifiers: dynamic **graphics** program...

... **ASCII** files

**12/3,K/8 (Item 8 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

4062137 INSPEC Abstract Number: B9202-2560J-055

**Title: Avalanche transistor selection for long term stability in streak camera sweep and pulser applications**

Author(s): Thomas, S.W.; Griffith, R.L.; Teruya, A.T.

Author Affiliation: Lawrence Livermore Nat. Lab., California Univ., Livermore, CA, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.1358, pt.1 p.578-88

Publication Date: 1991 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

Material Identity Number: C574-91086

U.S. Copyright Clearance Center Code: 0277-786X/91/\$4.00

Conference Title: 19th International Congress on High-Speed Photography

and Photonics

Conference Sponsor: SPIE; Hadland Electron.; Ilford; Kodak; et al  
Conference Date: 16-21 Sept. 1990      Conference Location: Cambridge, UK  
Language: English  
Subfile: B

...Abstract: to acquire data, unattended, at any desired rate or period.  
Data are collected from each **run** and stored on a floppy disk in **ASCII**  
format. The data analysis software, RS/1, was used for analysis and  
**display**.

...Descriptors: **image** convertors

12/3,K/9      (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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03822264      INSPEC Abstract Number: B91020342

**Title: The art of direct communication, the RDS under the magnifying  
glass. I**

Author(s): Houze, R.C.

Journal: Auto-Volt Electrauto no.655 p.28-31, 33

Publication Date: June 1990 Country of Publication: France

CODEN: AUVOAH ISSN: 0005-0881

Language: French

Subfile: B

**Title: The art of direct communication, the RDS under the magnifying  
glass. I**

Abstract: The function of radio data systems for motorists on the **move**  
is described with a diagrammatic explanation of the FM modulation spectrum  
showing the 19 kHz...

... in a buffer memory. Examples of traffic messages (bottleneck, accident,  
lane closure, etc.) available on **ASCII** code **displays** are presented.

...Identifiers: **ASCII** code **displays** ;

12/3,K/10      (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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03750428      INSPEC Abstract Number: C90070655

**Title: Manipulation and visualization of sparse matrices**

Author(s): Alvarado, F.L.

Author Affiliation: Dept. of Electr. & Comput. Eng., Wisconsin Univ.,  
Madison, WI, USA

Journal: ORSA Journal on Computing vol.2, no.2 p.186-207

Publication Date: Spring 1990 Country of Publication: USA

ISSN: 0899-1499

U.S. Copyright Clearance Center Code: 0899-1499/90/0202-0186\$01.25

Language: English

Subfile: C

...Abstract: application is to a comparative study of linear least  
squares methods, the second to the **graphic** description of the properties  
of partitioned sparse A/sup -1/ methods. The proposed system is...

... around three concepts: matrices, permutation vectors and partition  
vectors. Each concept is implemented as a **stream** of **ASCII** data. These  
**streams** are operated upon by filters (commands that accept data from  
standard input and direct output...

... fills, factorization, computation of condition number and many others.  
Other commands generate sparse matrices and **display** topology maps and  
factorization path trees. This system permits interchanging information  
among programs written by...

... squares example not only illustrates a practical use of the system, but

underscores in a **graphic** manner the advantage of blocking algorithms to improve computational requirements and condition numbers in linear...

...Identifiers: **ASCII** data

12/3,K/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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03526083 INSPEC Abstract Number: C90008486

**Title: The battle of the giants (word processing packages)**

Author(s): Birkholz, I.

Journal: Chip no.11 p.218-25

Publication Date: Nov. 1989 Country of Publication: West Germany

CODEN: CHIPDP ISSN: 0170-6632

Language: German

Subfile: C

...Abstract: 5.0 and Wordperfect 5.0-two of the best-known word-processing program packages **running** under MS or PC DOS 2.0. For each she explains how it is used and compares screen **display**, formatting, file management, **graphics**, spell-check, thesaurus and macros. She also compares speeds (e.g. for storing an **ASCII** file and for jumping to a distant page) and concludes that MS Word was marginally better (it was faster) but liked Wordperfect's macro language and how **graphics** were inserted into **text**.

...Identifiers: screen **display** ; ...

... **graphics** ;

12/3,K/12 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

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03350694 INSPEC Abstract Number: C89028561

**Title: DoD Gateway Information System (DGIS): the development toward artificial intelligence and hypermedia in Common Command Language**

Author(s): Kuhn, A.D.

Author Affiliation: Defense Tech. Inf. Center, Alexandria, VA, USA

Conference Title: Online Information 88. 12th International Online Information Meeting p.691-704 vol.2

Publisher: Learned Inf, Oxford, UK

Publication Date: 1988 Country of Publication: UK 2 vol. x+viii+808 pp.

ISBN: 0 904933 68 7

Conference Date: 6-8 Dec. 1988 Conference Location: London, UK

Language: English

Subfile: C

...Abstract: all DGIS users. The second level incorporates the hypermedia capabilities of bit-map systems, to **run** concurrently with those that are **ASCII** -dependent. A desktop environment is being developed that includes **icon** selection, windowing technology, simultaneous query invoking and results **display** in multiple target systems, and color as an enhancing feature. As a part of the...

...Identifiers: **ASCII** dependent systems...

... **icon** selection...

...results **display** ;

12/3,K/13 (Item 13 from file: 2)

DIALOG(R)File 2:INSPEC

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03282879 INSPEC Abstract Number: A89015591, C89009259

**Title: BSRIBBON-program for producing 3D ribbon models of macromolecules suitable for interactive graphics display**

Author(s): Carson, M.; Bugg, C.E.

Author Affiliation: Alabama Univ., Birmingham, AL, USA

Journal: Journal of Applied Crystallography vol.21, pt.5 p.578

Publication Date: 1 Oct. 1988 Country of Publication: Denmark

CODEN: JACGAR ISSN: 0021-8898

U.S. Copyright Clearance Center Code: 0021-8898/88/050578-02\$03.00

Language: English

Subfile: A C

**Title: BSRIBBON-program for producing 3D ribbon models of macromolecules suitable for interactive graphics display**

...Abstract: well commented modular routines. Two programs, one for proteins and one for nucleic acids, read **ASCII** files of coordinates, sequence, and secondary structure assignment and create the guide points that define...

... performs the sectioning of the BSRIBBON into residues for arbitrary coloring schemes. All programs are **run** interactively.

...Identifiers: interactive **graphics display** ; ...

... **ASCII** files

12/3,K/14 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02845029 INSPEC Abstract Number: C87023843

**Title: Data structures in a bit-mapped text editor**

Author(s): Hansen, W.J.

Author Affiliation: Carnegie-Mellon Univ., Pittsburgh, PA, USA

Journal: BYTE vol.12, no.1 p.183-4, 186-8, 190

Publication Date: Jan. 1987 Country of Publication: USA

CODEN: BYTEDJ ISSN: 0360-5280

Language: English

Subfile: C

**Title: Data structures in a bit-mapped text editor**

Abstract: In a bit-mapped **graphics** system like IBM's RT PC, **text** can be much more than a **stream** of **ASCII** characters. Recently, Carnegie-Mellon University took on the challenge of **displaying text** on advanced bit-mapped workstations for its Andrew system.

Identifiers: typographic quality **text** ; ...

...bit-mapped **text** editor...

...bit-mapped **graphics** system

12/3,K/15 (Item 15 from file: 2)

DIALOG(R)File 2:INSPEC

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02628986 INSPEC Abstract Number: B86023452, C86018047

**Title: ZX 81 a la carte. XVI. Data transfer with the ZX 81. The smallest of the little ones becomes presentable**

Author(s): Bollow, F.; Clausen, U.

Journal: Funkschau no.23 p.71-8

Publication Date: 8 Nov. 1985 Country of Publication: West Germany

CODEN: FUSHA2 ISSN: 0016-2841

Language: German

Subfile: B C

...Abstract: such as start-, stop- and parity bits and error detection, all in asynchronous operation. Video **display** methods and possibilities are treated next. They are based on three system variables and provide

cursor marking. **scrolling** and refreshing in a format of 24 lines of 32 characters. **ASCII** encoding is used. The required hardware (full circuit diagram shown) is in 2 units: the...

... like the main program with an endless loop, the subprogram SERIN and 6 tables, quoting **ASCII** encoding and control **symbols**, RAMTOP conventions, EPROM entries, intern modus and hexdump of the machine program.

Identifiers: video **display** methods...

... **scrolling** ; ...

... **ASCII** ;

12/3,K/16 (Item 16 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02604882 INSPEC Abstract Number: C86013641

**Title: A microprocessor based multilanguage terminal**

Author(s): Periasamy, M.; Pitke, M.E.; Pitke, M.V.

Conference Title: Proceedings of the 1984 South East Asia Regional Computer Conference. SEARCC 84 p.23/1-18

Publisher: SEARCC, Hong Kong

Publication Date: 1984 Country of Publication: Hong Kong 493 pp.

Conference Date: 24-28 Sept. 1984 Conference Location: Hong Kong

Language: English

Subfile: C

Abstract: Design and implementation of a microprocessor based input output **display** terminal for Devnagari script has been presented. A generalized algorithm based on **graphical** approach has been implemented on a 6800 microprocessor. This can **run** on any machine with **graphic** facility. The scheme can be easily adapted for other group of scripts. A standard **ASCII** keyboard with relabelled key tops has been used.

...Identifiers: microprocessor based input output **display** terminal...

... **graphic** facility...

... **ASCII** keyboard

12/3,K/17 (Item 17 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02557359 INSPEC Abstract Number: C86003701

**Title: A multilanguage terminal with microprocessor control**

Author(s): Periasamy, M.; Pitke, M.V.

Author Affiliation: Tata Inst. of Fundamental Res., Bombay, India

Journal: Microprocessing & Microprogramming vol.16, no.1 p.31-43

Publication Date: Aug. 1985 Country of Publication: Netherlands

CODEN: MMICDT ISSN: 0165-6074

Language: English

Subfile: C

Abstract: Design and implementation of a microprocessor based input-output **display** terminal for the Devangari script has been presented. A generalized algorithm based on **graphical** approach has been implemented on a 6800 microprocessor based system. This can **run** on any machine with **graphic** facility. The scheme can be easily adapted for other groups of scripts. A standard **ASCII** keyboard with relabelled key tops has been used. Faster character generation is achieved through optimised code assignments and **display** algorithm. The usage of existing software like editor, wordprocessor, etc., is possible with minor modifications.

Descriptors: computer **graphic** equipment...

... **display** instrumentation

...Identifiers: microprocessor based input-output **display** terminal...

... **graphical** approach...

... **ASCII** keyboard

12/3,K/18 (Item 18 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02550241 INSPEC Abstract Number: B85064025  
**Title:** Alphanumeric display  
Journal: Elektor vol.11, no.6 p.62-4  
Publication Date: June 1985 Country of Publication: UK  
CODEN: ELEKD6 ISSN: 0308-308X  
Language: English  
Subfile: B

**Title:** Alphanumeric display  
Abstract: Dedicated ICs can greatly simplify many applications in electronics. This is certainly true of the **display** module shown. It consists mainly of an **alphanumeric** vacuum fluorescent **display** and a **display** controller IC. Numbers, letters and other characters (the whole **ASCII** character set, in fact,) can be **displayed**. The **text** can also be made to **move** along the **display**.  
Descriptors: **display** instrumentation...  
Identifiers: **display** module...

... **alphanumeric** vacuum fluorescent **display** ; ...

... **display** controller IC...

... **ASCII** character set

12/3,K/19 (Item 19 from file: 2)  
DIALOG(R)File 2:INSPEC  
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02530734 INSPEC Abstract Number: B85057737, D85002702  
**Title:** **Brighter picture is appearing for business videotex**  
Author(s): Edwards, M.  
Journal: Communications News vol.22, no.8 p.42-6  
Publication Date: Aug. 1985 Country of Publication: USA  
CODEN: CMUNA9 ISSN: 0010-3632  
Language: English  
Subfile: B D

**Title:** **Brighter picture is appearing for business videotex**  
Abstract: While public videotex services continue to languish in the US, the **picture** for business videotex is brightening. 1984/1985 has seen a major push by Digital Equipment...

... AT&T to consolidate their leadership positions in the field. There's also been a **move** away from the **graphics** oriented systems toward **ASCII text** -based services. Even AT&T, which was instrumental in establishing the North American Presentation Level Protocol Syntax (NAPLPS) standard for **graphics display**, has opted to go with the simpler and less expensive **ASCII** approach with its latest videotex plan.  
...Identifiers: **ASCII text** -based services

12/3,K/20 (Item 20 from file: 2)  
DIALOG(R)File 2:INSPEC  
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02524151 INSPEC Abstract Number: C85046558  
**Title:** **JOBDMF/JOBDSP-job dumper/** displayer  
Author(s): Hunt, P.  
Author Affiliation: Syst. Ind., Milpitas, CA, USA

Journal: Plus RSTS p.10-13  
Publication Date: July 1985 Country of Publication: USA  
CODEN: DECPDJ ISSN: 0744-9216  
Language: English  
Subfile: C

**Title:** JOBDMP/JOBDSP-job dumper/ displayer

...Abstract: are given in this article, which should help you to see where your job is **running** on your RSTS/E V8.0 system. JOBDMP will dump a job's memory region...

... DMP where n is the job number that was dumped. A second program JOBDSP will **display** the file in octal, word or byte format as well as **ASCII** and RADIX-50. A switch in JOBDSP controls whether to dump the file in octal, word or byte. Enter a '/B' on the core **image** filename request for octal, byte format.

Identifiers: job **displayer** , word format...

... **ASCII** ; ...

...core **image** filename request

**12/3,K/21 (Item 21 from file: 2)**

DIALOG(R)File 2:INSPEC

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01970235 INSPEC Abstract Number: A83004700, B83004562

**Title: Timing signal generation and film annotation in biomechanics cinematography and high-speed photography**

Author(s): Dearing, L.M.

Author Affiliation: L.M. Dearing Associates Inc., Studio City, CA, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering vol.291 p.22-7

Publication Date: 1981 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

Conference Title: Second International Symposium of Biomechanics Cinematography and High Speed Photography

Conference Date: 24-26 Aug. 1981 Conference Location: San Diego, CA, USA

Language: English

Subfile: A B

...Abstract: inputed from outside sources, decoded and converted into drives to pulse the light emitting diodes **displays** in 'on camera' film data annotation systems. Typical time data annotation systems include simple camera...

... markers for exposing a narrow time or data track along the edge of the continuously **moving** film. Systems which record 9 or more digits of time and other data on each...

... or hexadecimal information; lastly, data annotation systems using 5\*7 LED matrices to record full **alphanumeric** ( **ASCII** ) characters, including numeric time. The advantages and limitations of these systems are considered.

**12/3,K/22 (Item 22 from file: 2)**

DIALOG(R)File 2:INSPEC

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01969691 INSPEC Abstract Number: B83003934, C83002124

**Title: Integrated circuits for data- graphic displays**

Author(s): Goldberger, A.; Goodhart, J.L.

Author Affiliation: Signetics Corp., Sunnyvale, CA, USA

Journal: Electronic Components & Applications vol.4, no.1 p.28-37

Publication Date: Nov. 1981 Country of Publication: Netherlands

CODEN: ECAPD6 ISSN: 0141-6219

Language: English

Subfile: B C

**Title: Integrated circuits for data- graphic displays**

...Abstract: set of four new VLSI circuits reduces the number of ICs required in a data- **graphic display** from 40 to 15. The new circuits include a **display** -character and **graphics** generator, a programmable keyboard communications controller, a video timing controller and a video attributes controller, and they are so partitioned that each can be used independently of the others. The **display** provides for 96 **ASCII alphanumeric** characters plus 32 special characters, as well as line and block **graphics** ; operating features include split-screen, multiple cursors, horizontal and vertical **scrolling** , reverse video, character blank, blink, underline and highlight, and light-pen strike-through.

Descriptors: computer **graphic** equipment...

Identifiers: **display** -character generator...

...line **graphics** ; ...

...data- **graphic displays** ; ...

... **graphics** generator...

...block **graphics** ;

12/3,K/23 (Item 23 from file: 2)

DIALOG(R)File 2:INSPEC

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01928918 INSPEC Abstract Number: C82039050

**Title: ZNET-an interprocess computer network for naive to expert graphics users**

Author(s): Marselle, J.R.

Author Affiliation: Image Producers Inc., Northbrook, IL, USA

Conference Title: First Annual Phoenix Conference on Computers and Communications p.283-5

Publisher: IEEE, New York, NY, USA

Publication Date: 1982 Country of Publication: USA x+443 pp.

Conference Sponsor: IEEE

Conference Date: 9-12 May 1982 Conference Location: Phoenix, AZ, USA

Language: English

Subfile: C

**Title: ZNET-an interprocess computer network for naive to expert graphics users**

Abstract: A network has been developed which enables Z80-based microcomputers **running** ZGRASS, a user-oriented interpretive real-time **graphics animation** system, to signal and send messages to other ZGRASS microcomputers. Signals have associated event names while messages are short **ASCII** strings, which could be ZGRASS commands or programs, for example. The ZGRASS units are connected to a minicomputer **running** the UNIX operating system and are seen as user terminals by UNIX. A new UNIX...

... unit can thus control/interact with one or many other terminal(s) allowing multi-processor **graphics** , interacting multi-screen **displays** and so on.

Descriptors: computer **graphics** ;

...Identifiers: **graphics animation** system...

...multi-processor **graphics**

12/3,K/24 (Item 24 from file: 2)

DIALOG(R)File 2:INSPEC

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01737935 INSPEC Abstract Number: C81029824

**Title: Z-the 95% program editor**



Author(s): Wood, S.R.  
Author Affiliation: Dept. of Computer Sci., Yale Univ., New Haven, CT, USA  
Journal: SIGPLAN Notices vol.16, no.6 p.1-7  
Publication Date: June 1981 Country of Publication: USA  
CODEN: SINODQ ISSN: 0362-1340  
Conference Title: Proceedings of the ACM SIGPLAN SIGOA Symposium on Text Manipulation  
Conference Date: 8-10 June 1981 Conference Location: Portland, OR, USA  
Language: English  
Subfile: C

Abstract: The Z-editor was designed for a computing environment containing two DECsystem-20 computers **running** a local version of the TOPS-20 monitor. Connected to the machines, through full-duplex lines, are over 150 unintelligent **ASCII display** terminals, all **running** at 9600 baud. Experience has shown that each system will support 30 to 40 users...

...Descriptors: **text** editing  
...Identifiers: **ASCII display** terminals

12/3,K/25 (Item 25 from file: 2)  
DIALOG(R)File 2:INSPEC  
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01725027 INSPEC Abstract Number: C81027671

**Title: The many moves of APF**

Author(s): Keen, D.; Kenney, B.  
Journal: Kilobaud Microcomputing vol.5, no.4 p.100  
Publication Date: April 1981 Country of Publication: USA  
ISSN: 0192-4575  
Language: English  
Subfile: C

...Abstract: a cursor, the shape and color of the block that will next be drawn, is **displayed** on the screen. When one hits the 1 key on the keypad of the left-hand controller, the cursor will change to the next **ASCII** character. Hitting the 2 will step back to the previous character. This way, one can scan through all the **ASCII** codes. Movement is determined by **moving** the joystick east, west, north and south.

...Descriptors: computer **graphics** ;

12/3,K/26 (Item 26 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

01400726 INSPEC Abstract Number: C79027352

**Title: CRT control modules. I**

Author(s): Moller, D.  
Author Affiliation: Phys. Inst., Johannes Gutenberg Univ., Mainz, West Germany  
Journal: Elektronik Industrie vol.10, no.4 p.32-4  
Publication Date: April 1979 Country of Publication: West Germany  
CODEN: EKIDAT ISSN: 0374-3144  
Language: German  
Subfile: C

Abstract: A general survey of the latest control equipment for video **displays**, produced by American and European manufacturers, mostly executed in NMOS technology and processed in **ASCII** code; while National Semiconductor use I/sup 2/L. 4 block diagrams illustrate the construction of a typical **display** control unit with its time bases, sync. circuits, control signal generators, point matrix for **alphanumeric** characters, cursor steering or light pencil. The Intel 8275 CRT-controller is singled out for...

...more detailed description and a tabulation of its main performance data,

including special features like **scrolling** and refreshing. **Scrolling** is discussed with the aid of a block- and flow diagram, treating the micro-assembler...

Identifiers: video **displays** ; ...

... **display** control unit

12/3,K/27 (Item 27 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

01334242 INSPEC Abstract Number: C79012953

**Title: Practical electronics VDU system. I**

Author(s): Berk, T.

Journal: Practical Electronics vol.14, no.14 p.1054-8

Publication Date: Oct. 1978 Country of Publication: UK

CODEN: PRELBY ISSN: 0032-6372

Language: English

Subfile: C

Abstract: Describes and inexpensive VDU output device for **ASCII** characters. This VDU uses 'one chip' VDU controller and provides the following features: 16 lines\*64 **ASCII** characters; full memory mapping enabling random access to any part of the screen; an extra 1K bytes of user RAM; full cursor control and screen **scrolling** in hardware. high speed (limited only by MPU); and an inexpensive and easily constructed design.

Descriptors: computer **graphic** equipment...

... **display** instrumentation

Identifiers: **ASCII** ; ...

...screen **scrolling** ; ...

...computer **graphic** requirement

12/3,K/28 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1919970 NTIS Accession Number: AD-A297 902/9

**BLIRB Visualization and BUFR Encoder/Decoder Software User's Guide**

(Final rept. Jul 94-Apr 95)

Avara, E. P.

Battelle Columbus Labs., Research Triangle Park, NC.

Corp. Source Codes: 073414000; 416477

Report No.: ARL-TR-273-8

Jul 95 543p

Languages: English

Journal Announcement: GRAI9603

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NTIS Prices: PC A23/MF A04

The eight- **stream** extension of the Boundary Layer Illumination Radiation Balance Model (BLIRB8) provides direct and diffuse radiative...

... parameter field to contain a valid input. VISUAL was developed to provide a user-friendly **graphical** user interface for building the input file and **graphically displaying** the BLIRB8 output flux fields in an interactive mode. All BLIRB8 inputs (except a savefile...

... EN encodes BLIRB8 output to a BUFR binary file. BLIRB DE recovers the BLIRB8 output **ASCII** file from the BUFR file. (KAR) P. 3.

12/3,K/29 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

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1858826 NTIS Accession Number: N95-17538/6

**Software Architecture for Automating Operations Processes**

Miller, K. J.

Jet Propulsion Lab., Pasadena, CA.

Corp. Source Codes: 014828000; JJ574450

Sponsor: National Aeronautics and Space Administration, Washington, DC.

Nov 94 6p

Languages: English

Journal Announcement: GRAI9508; STAR3304

In NASA. Goddard Space Flight Center, Third International Symposium on Space Mission Operations and Ground Data Systems, Part 2 p 729-734.

NTIS Prices: (Order as N95-17531/1, PC A99/MF A06)

... simplifying and automating mission operations tasks. The toolkit approach is based on building adaptable, reusable **graphical** tools that are integrated through a combination of libraries, scripts, and system-level user interface shells. The **graphical** interface shells are designed to integrate and visually guide a user through the complex steps in an operations process. They provide a user with an integrated system-level **picture** of an overall process, defining the required inputs and possible output through interactive on-screen **graphics**. The OEL has developed the software for building these process-oriented **graphical** user interface (GUI) shells. The OEL Shell development system (OEL Shell) is an extension of...

... Library (WCL). The OEL Shell system can be used to easily build user interfaces for **running** complex processes, applications with extensive command-line interfaces, and tool-integration tasks. The interface shells **display** a logical process flow using arrows and box **graphics**. They also allow a user to select which output products are desired and which input...

... help environment. The OEL toolkit approach is guided by several principles, including the use of **ASCII text** file interfaces with a multimission format, Perl scripts for mission-specific adaptation code, and programs...

... SEG) system provides an adaptable multimission toolkit for producing a time-ordered listing and timeline **display** of spacecraft commands, state changes, and required ground activities.

Descriptors: Flight operations; \* **Graphical** user interface; \*Mission planning; Applications programs (Computers); Computer **graphics**; Scheduling; Ulysses mission

12/3,K/30 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1794915 NTIS Accession Number: N94-22532/3

**PCIPS 2.0: Powerful Multiprofile Image Processing Implemented on PCS**

(Abstract Only)

Smirnov, O. M. ; Piskunov, N. E.

Academy of Sciences (USSR), Moscow. Inst. of Astronomy.

Corp. Source Codes: 888888888; AA541527

Sponsor: National Aeronautics and Space Administration, Washington, DC.

1992 1p

Languages: English

Journal Announcement: GRAI9411; STAR3205

In NASA, Washington, Second Annual Conference on Astronomical Data Analysis Software and Systems. Abstracts p 101.

NTIS Prices: (Order as N94-22438/3, PC A07/MF A02)

**PCIPS 2.0: Powerful Multiprofile Image Processing Implemented on PCS**

... has steadily increased. Now, 386- and 486-based PC's are fast enough

for many **image** processing applications, and inexpensive enough even for amateur astronomers. PCIPS is an **image** processing system based on these platforms that was designed to satisfy a broad range of data analysis needs, while requiring minimum hardware and providing maximum expandability. It will **run** (albeit at a slow pace) even on a 80286 with 640K memory, but will take full advantage of bigger memory and faster CPU's. Because the actual **image** processing is performed by external modules, the system can be easily upgraded by the user for all sorts of scientific data analysis. PCIPS supports large format 1D and 2D **images** in any numeric type from 8-bit integer to 64-bit floating point. The **images** can be **displayed**, overlaid, printed and any part of the data examined via an intuitive **graphical** user interface that employs buttons, pop-up menus, and a mouse. PCIPS automatically converts **images** between different types and sizes to satisfy the requirements of various applications. PCIPS features an...

... a programmer can concentrate on the actual data processing, because PCIPS assumes responsibility for accessing **images** and interacting with the user. This also ensures that all applications, even custom ones, have ...

... and user-friendly interface. The API is compatible with factory programming, a metaphor for constructing **image** processing procedures that will be implemented in future versions of the system. Several application packages...

... includes elementary arithmetics and statistics, geometric transformations and import/export in various formats (FITS, binary, **ASCII**, and GIF). The CCD processing package and the spectral analysis package were successfully used to...

Descriptors: Data processing; \* **Image** processing; \*Personal computers; **Graphical** user interface; C (Programming language); Charge coupled devices; Fortran; Photometry; Spectrum analysis; Telescopes

12/3,K/31 (Item 4 from file: 6)  
DIALOG(R)File 6:NTIS  
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1628050 NTIS Accession Number: AD-A244 337/2

**EPRFIT: An Electron Paramagnetic Resonance Modeling and Analysis Package  
Version 1.10**

(Technical rept)

Menapace, J. A.

Frank J. Seiler Research Lab., United States Air Force Academy, CO.

Corp. Source Codes: 018011000; 319920

Report No.: FJSRL-TR-91-0003

1 Dec 91 39p

Languages: English

Journal Announcement: GRAI9208

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NTIS Prices: PC A03/MF A01

...spectrum comparison files can be retrieved and stored onto hard/floppy disk storage in either **ASCII** or packed formats. **ASCII** output provides a useful means for linking the data/spectra to other analysis packages as...

... as for use in printing/plotting routines. The simulated and comparison spectra can also be **displayed** and analyzed **graphically** within the program. Spectral analysis options include spectrum offsetting, panning, zooming, and peak position and...

...Descriptors: paramagnetic resonance; Access; Comparison; Computer aided diagnosis; Configurations; Data processing; Formats; Identification; Input; Intensity; Matrix **displays**; Models; Nuclear spins; Peak values; Plotting; Position(Location); Printers(Data processing); Printing; Simulation; Spectra; Spectrum analysis; Spinning( **Motion** )

12/3,K/32 (Item 5 from file: 6)  
DIALOG(R)File 6:NTIS  
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1597929 NTIS Accession Number: N91-25682/6

**QDP/PLT User's Guide**

Tennant, A. F.

National Aeronautics and Space Administration, Huntsville, AL. George C. Marshall Space Flight Center.

Corp. Source Codes: 019043002; ND736801

Report No.: NAS 1.15:4301; M-662; NASA-TM-4301

Jun 91 92p

Languages: English

Journal Announcement: GRAI9121; STAR2917

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NTIS Prices: PC A05/MF A01

... level plotting package. A Programmer can create a default plot suited for the data being **displayed**. At **run** times, users can then interact with the plot overriding any or all of these defaults. The user is also provided the capability to fit functions to the **displayed** data. This ability to **display**, interact with, and to fit the data make PLT a useful tool in the analysis of data. The Quick and Dandy Plotter (QDP) program will read **ASCII text** files that contain PLT commands and data. Thus, QDP provides an easy way to use...

Descriptors: Computer **graphics**; \* **Display** devices; \*Plotting; Computer programs; Plotters; User manuals (Computer programs); Data processing; Disk operating system (DOS...

12/3,K/33 (Item 6 from file: 6)  
DIALOG(R)File 6:NTIS  
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1596257 NTIS Accession Number: AD-A237 209/2

**Moored Current Meter, AVHRR, CTD, and Drifter Data from the Agulhas Current and Retroflexion Region (1985-1987). Volume 42**

(Technical rept)

Luyten, J. ; Spencer, A. ; Tarbell, S. ; Leutkemeyer, K. ; Flament, P.

Woods Hole Oceanographic Institution, MA.

Corp. Source Codes: 015160000; 381000

Report No.: WHOI-90-30

Jul 90 103p

Languages: English

Journal Announcement: GRAI9121

Includes microfiche. Sponsored in part by Contract N00014-87-K-0007.

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NTIS Prices: PC A06/MF A02

... deployment cruise in 1985, data from satellite tracked (ARGOS) freely drifting surface buoys and numerous **images** of the sea surface temperature. In addition, this report includes a floppy disk on which...

... personal communication) as well as programs written in QuickBASIC which allow one to access and **display** these observations. The programs are stored in **ASCII** and can be **run** under the Microsoft QuickBasic (Version 4.0 or higher). Instructions for **running** the programs can be found in a file entitled 'read.me' on the disk.

12/3,K/34 (Item 7 from file: 6)

DIALOG(R)File 6:NTIS  
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1554172 NTIS Accession Number: NTN91-0005

**Program Manipulates Plots for Effective Display : Plots can be displayed in a variety of ways**

(NTIS Tech Note)

National Aeronautics and Space Administration, Washington, DC.

Corp. Source Codes: 011249000

Jan 91 1p

Languages: English

Journal Announcement: GRAI9107

FOR ADDITIONAL INFORMATION: Contact: COSMIC, 112 Barrow Hall, University of Georgia, Athens, GA 30602; (404) 542-3265. Refer to GSC-13232/TN.

NTIS Prices: Not available NTIS

**Program Manipulates Plots for Effective Display : Plots can be displayed in a variety of ways**

... summarizes a one-page announcement of technology available for utilization. The Windowed Observation of Relative **Motion** (WORM) computer program is primarily intended for the generation of simple X-Y plots from ...

... are provided, but with more limited capabilities. The input data can be in binary or **ASCII** format, but all data must be in the same format. A great deal of control...

... log/semilog capability, time tagging, and multiple and phase-plane plots. Many color and monochrome **graphics** terminals and hard-copy printer/plotters are supported. The executive commands, menu selections, and macro...

... retrieve data from input files, and involve VAX DCL commands. Plots generated by WORM are **displayed** on local **graphics** terminals and can be copied by use of standard hard-copy capabilities. WORM is written...

... memory requirement of approximately 392K of 8-bit bytes. It uses the QPLOT device-independent **graphics** library, which is included with it. Full WORM **graphics** capabilities are supported for various Tektronix 40XX and 41XX terminals and PC and Macintosh terminal...

Descriptors: Software; \*Plotting; \*Computer **graphics**

12/3,K/35 (Item 8 from file: 6)

DIALOG(R)File 6:NTIS  
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1552577 NTIS Accession Number: AD-A226 132/9

**Computer-Based Instruction Authoring Tools System (CATS): User's Manual**

(Technical note Jan 89-Jun 90)

Johnson, K. ; Hulton, V. N. ; Olson, R. ; Durfee, C. ; Lyon, M.

Navy Personnel Research and Development Center, San Diego, CA.

Corp. Source Codes: 055029000; 390772

Report No.: NPRDC-TN-90-27

Jul 90 235p

Languages: English

Journal Announcement: GRAI9107

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NTIS Prices: PC A11/MF A02

... the delivery software are available for computers with Z-100, CGA, EGA, Tecmar, and Visage **graphics** boards. The system provides drivers for a Microsoft compatible mouse, a Micro Touch touchscreen, and...

... the courseware. A storyboard is a block of text that specifies what the

computer should **display** on a particular screen **image** , how it should react to student responses to that screen **image** , and anything else it should do while the screen **image** is being **displayed** . Storyboards can be written using any **text** editor that saves files in an unformatted **ASCII text** mode. Still **graphics** that can be captured by Dr. Halo can be developed with any **graphics** editor. Several commercially available editors can provide **animation** . No prompts or menus aid the author during lesson development. In fact, CATS is not...

Descriptors: Computer aided instruction; \*User manuals; Computer programs ; Computers; Costs; Delivery; Disks; English language; **Graphics** ; Materials; Menu; Microcomputers; Operation; Response; Students; Templates; Test and evaluation; Tools; Touch; Words(Language)

12/3,K/36 (Item 9 from file: 6)  
DIALOG(R)File 6:NTIS  
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1436180 NTIS Accession Number: AD-A205 690/1

**GRAPS: Graphical Plotting System for Displaying Scientific Engineering Data (for Microcomputers)**

(Software)

Naval Ocean Systems Center, San Diego, CA.

Corp. Source Codes: 055028000; 393159

Sponsor: Department of Defense, Washington, DC.

Report No.: DOD/SW/DK-89/012

Oct 88 A Diskette

Languages: English

Journal Announcement: GRAI8914

The software is contained on 5 1/4-inch diskette(s), double density (360K), Compatible with the IBM/PC microcomputer. The diskettes are in the **ASCII** format. Call NTIS Computer Products if you have any questions. Price includes documentation AD-A204 583. No copies furnished by DTIC.

NTIS Prices: CP D99

**GRAPS: Graphical Plotting System for Displaying Scientific Engineering Data (for Microcomputers)**

GRAPS provides a convenient, user-friendly tool for the **display** of engineering and scientific data in a number of conventional plot formats. Linear, semi-log...

... among those that can be selected. User-friendly features include auto and user-defined scaling, **text** editing on **graphics** screens, and data file management options. Auto and user-defined scaling are new GRAPS features...

... data file management options have also been expanded. GRAPS will plot any data stored in **ASCII** files in the GRAPS format. GRAPS is intended to be used as a stand-alone utility for the preparation and **display** of engineering and scientific data. It is not suitable for inclusion as a part of...

... although subroutines could be stripped out for inclusion in other programs. GRAPS provides a screen **display** of the plot, with options to select the plot format, adjust the scale and scale tick marks, and create and edit the **text** labels on the plot. A visual **display** of the plot provides full freedom to compose an attractive and informative **display** of the data which is similar to the final hard copy. ....Software Description: The software...

... least 256K of memory are required. Special features/requirements: The computer should have CGA (color **graphics** adapter) **graphics** capability and a math coprocessor chip. QuickBASIC is used to compile the program. The program will not **run** in the BASIC interpreter and it may not be compatible with other compilers without extensive...

Descriptors: Contours; \* **Graphics** ; \*Plotting; Data bases; Data management; **Display** systems; Hard copy; Microcomputers; Polar regions; Scale; Screens( **Displays** ); Self contained; Subroutines; **Text** processing;

Visual aids

Identifiers: GRAPS( **GRA**phical Plotting System); \*Engineering data;  
\*Software; Diskettes; NTISDODXA; NTISDODSD; NTISDODN

12/3,K/37 (Item 10 from file: 6)

DIALOG(R)File 6:NTIS

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1428878 NTIS Accession Number: DE89005934

**Using the Hydra Protocol Converter for IBM Full Screen Terminal Emulation at ANL**

Hinds, A. R. ; Leibfritz, D. W. ; Louie, K. K. ; Lurie, G. R.

Argonne National Lab., IL.

Corp. Source Codes: 001960000; 0448000

Sponsor: Department of Energy, Washington, DC.

Report No.: ANL/TM-457-REV.1

Nov 88 52p

Languages: English

Journal Announcement: GRAI8911; NSA1400

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NTIS Prices: PC A04/MF A01

The Hydra Protocol Converter is a dedicated microprocessor that allows selected **ASCII** terminals, and personal computers emulating **ASCII** terminals, to achieve full screen capabilities similar to IBM 3277 terminals. Through the Argonne Private...

... terminal capabilities; the Hydra provides excellent emulation of most IBM 3277 terminal features, and it **displays** the effects of your keystrokes immediately on your terminal screen. In addition, the Hydra permits you to transfer files between CMS and personal computers **running** either the Kermit or RELAY Gold programs. The Hydra communicates asynchronously at communication speeds ranging...

... high speeds, the Hydra may overrun your terminal, causing missing, misplaced (garbage) characters on your **display**. If such characters occur, specify automatic XON/XOFF flow control or try changing to a...

Descriptors: Interactive **Display** Devices; Apple Computers; Communications; Computer Architecture; Computer Networks; Computer Output Devices; IBM Computers; Manuals; Personal Computers; **Text** Editors

12/3,K/38 (Item 11 from file: 6)

DIALOG(R)File 6:NTIS

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1268816 NTIS Accession Number: DE86009687

**Developing a Portable Window/Menu Interface Using Object-Oriented Programming Tools**

Poggio, M. E.

Lawrence Livermore National Lab., CA.

Corp. Source Codes: 068147000; 9513035

Sponsor: Department of Energy, Washington, DC.

Report No.: UCRL-94376; CONF-860967-2

1 Apr 86 12p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI8701; NSA1100

ACM conference on object oriented programming systems, languages, and applications, Portland, OR, USA, 29 Sep 1986.

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Springfield, VA, 22161, USA.  
NTIS Prices: PC A02/MF A01

... applications. Object-oriented programming tools were used to develop this system which was designed to **run** on **ASCII** -based terminals as well as bit mapped workstation **displays** . 9 refs., 3 figs. (ERA citation 11:006810)

Descriptors: **Display** Devices; Computer **Graphics** ; DEC Computers; Man-Machine Systems; Programming

**12/3,K/39** (Item 1 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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04010092 E.I. No: EIP94122475346

**Title: Software package for TL/OSL spectrometry and extraction of glow curves from individual grains**

Author: Burggraaf, D.; Haskell, E.H.

Corporate Source: TL Lab, Salt Lake City, UT, USA

Conference Title: Proceedings of the 7th International Specialist Seminar on Thermoluminescence and Electron Spin Resonance Dating

Conference Location: Krems, Austria Conference Date: 19930705-19930709

E.I. Conference No.: 21396

Source: Radiation Measurements v 23 n 2-3 Apr-July 1994. 537p

Publication Year: 1994

CODEN: 001651 ISSN: 1350-4487

Language: English

Abstract: A software system has been developed for Macintosh and PC compatible computers **running** Windows which allows manipulation of time-resolved **images** collected during TL or OSL analysis of samples. The system utilizes a position-sensitive microchannel plate detector for **image** capture allowing time encoding for each detected photon. **Images** may be **displayed** over specified time/temperature intervals, or may be viewed in entirety in **animation** mode. Using mouse control, individual grains (1) may be selected for glow curve extraction, (2...

...3) may be individually excluded from a larger group of grains. Selected data may be **displayed** as two dimensional glow curves on screen and may be output in **ASCII** form for importation into other applications. In spectrometer mode time, resolved three-dimensional data may be output in **ASCII** form for importation into 3-D plotting programs or may be **displayed** on screen in 2-D mode (with color as the 3rd dimension) over the temperature...

...Non-contiguous spectral regions may be selected and grouped if desired and resulting glow curves **displayed** or output to **ASCII** files. Functions for calibration and spectrum standardization are included. (Author abstract)

Descriptors: Computer software; Spectrometry; Thermoluminescence; Luminescence; **Image** processing; Encoding ( **symbols** ); Photons; Mice (computer peripherals); Granular materials; Three dimensional

Identifiers: Optically stimulated luminescence; Glow curves; Position sensitive microchannel plate detectors; **Image** capture

**12/3,K/40** (Item 2 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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03974821 E.I. No: EIP94112405139

**Title: Print filter for UNIX**

Author: Covington, Michael A.; Juric, Mark

Corporate Source: Univ of Georgia

Source: Dr. Dobb's Journal of Software Tools for Professional Programmer v 19 n 10 Sept 1994. p 64-67

Publication Year: 1994

CODEN: DDJTEQ ISSN: 1044-789X  
Language: English

Abstract: This article introduces a print filter called LaserJet 4M printer **run** on UNIX system. Performance of this UNIX print filter includes the capability to distinguish PostScript, HP, and **ASCII** code; supplies a Ctrl-D to properly terminate every PostScript job; bails out gradually if a user tries to print an unprintable binary file; **displays** the user's name on the printer control panel and logs every print job in...

Descriptors: Printers (computer); UNIX; User interfaces; Codes ( **symbols** ); Data processing; Remote consoles; Control; **Display** devices

Identifiers: Print filter; PostScript; HP control code; **ASCII** ; Print filtering; Printer control

12/3,K/41 (Item 3 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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03626938 E.I. No: EIP93020708595

Title: **Man-machine interaction in the 21st century - new paradigms through dynamic scene analysis and synthesis (Keynote Speech)**

Author: Huang, Thomas S.; Orchard, Michael T.

Corporate Source: Univ. of Illinois/Urbana-Champaign, Urbana, IL, USA

Conference Title: Visual Communications and Image Processing '92

Conference Location: Boston, MA, USA Conference Date: 19921118

E.I. Conference No.: 17847

Source: Proceedings of SPIE - The International Society for Optical Engineering v 1818 pt 2 1992. Publ by Int Soc for Optical Engineering, Bellingham, WA, USA. p 428-429

Publication Year: 1992

CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-1018-7

Language: English

...Abstract: codes used in the 1950's. Instead, this primitive paradigm was replaced by keyboards and **ASCII** character **displays** in the 1970's, and the 'mouse' and multiple-window bit-mapped **displays** in the 1980's. As continuing technological advances make even larger computational power available in...

...information from the user via dynamic scene analysis. For example, the computer might enlarge the **display** when it detects that the user is squinting, or it might reorient a three-dimensional object on the screen in response to detected hand **motions**. This contrasts with current paradigms in which the computer relies on passive switching devices (keyboard...

...Feedback will be provided to the user via dynamic scene synthesis, employing stereoscopic three-dimensional **display** systems. To exploit the synergism between analysis and synthesis, we will need common data representation...

Descriptors: Man machine systems; Technological forecasting; Computer aided analysis; **Display** devices; Computer peripheral equipment; Flight simulators; **Image** analysis; Interactive computer systems; Three dimensional computer **graphics**

Identifiers: Man-machine interactions; Dynamic scene synthesis; Dynamic scene analysis; 3-D **displays**

12/3,K/42 (Item 4 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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03335272 E.I. Monthly No: EIM9111-056436

Title: **Creating online demonstration programs (Demos).**

Author: Robertson, Ken; Owens, Ray

Corporate Source: Comware, Inc., Cincinnati, OH, USA

Conference Title: 1991 Proceedings: 48th International Technical Communication Conference

Conference Location: New York, NY, USA    Conference Date: 19910414  
E.I. Conference No.: 14771  
Source: Proceedings - International Technical Communication Conference.  
Publ by Soc for Technical Communication, Washington, DC, USA. p VC.18  
Publication Year: 1991  
CODEN: PITCDL    ISBN: 0-914548-65-4  
Language: English

Abstract: The demonstration method presented in this progression uses an **ASCII text** editor, a **graphics** editor, and a source-file compiler to develop **animated**, online demonstration programs (demos). A demo presents a product or service to a target market. Demos are effective as eye-catching **displays** at point-of-sale locations, as aids and leave-behinds for sales persons, and for...

...Descriptors: On Line Operation; COMPUTER **GRAPHICS** ; COMPUTER PROGRAMMING

Identifiers: ONLINE DEMONSTRATION PROGRAMS; **TEXT** EDITORS; **GRAPHICS** EDITORS; SOURCE-FILE COMPILERS

12/3,K/43            (Item 5 from file: 8)  
DIALOG(R)File    8:EI Compendex(R)  
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01959494    E.I. Monthly No: EI8604028151    E.I. Yearly No: EI86024377  
**Title: METHOD TO IDENTIFY THE DATA STREAM OF A DOCUMENT RECEIVED BY DISPLAYWRITER SYSTEM.**  
Author: Anon  
Source: IBM Technical Disclosure Bulletin v 28 n 8 Jan 1986 p 3285  
Publication Year: 1986  
CODEN: IBMTAA    ISSN: 0018-8689  
Language: ENGLISH

**Title: METHOD TO IDENTIFY THE DATA STREAM OF A DOCUMENT RECEIVED BY DISPLAYWRITER SYSTEM.**

Abstract: When an IBM **Displaywriter** receives a document from another **Displaywriter** or an IBM Personal Computer, there is no information included with the document which identifies the data **stream** (L3, L3P, WPIF, **ASCII**, etc.) of the document. Because different data **streams** are converted and stored on the **Displaywriter** diskette in different ways, it is important to be able to differentiate between data **streams**. Some communication architectures include document profiles which can identify the data **stream** of the document. However, in some situations, a document profile cannot be sent with the document so another way is needed to identify the data **stream**. Such a solution is outlined and its advantages are pointed out.

...Descriptors: **Graphics**

Identifiers: DATA **STREAM** ; IBM PERSONAL COMPUTER; **DISPLAYWRITER** SYSTEM ; DISKETTE; DOCUMENT PROFILES

12/3,K/44            (Item 6 from file: 8)  
DIALOG(R)File    8:EI Compendex(R)  
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01863262    E.I. Monthly No: EIM8504-019484  
**Title: EXTENDING PATIENT DATA MANAGEMENT TO THE BEDSIDE IN A VIDEO-NETWORKING ENVIRONMENT.**

Author: Comerchero, Harry; Solender, P.; Reynolds, R.; Widman, R.; Wende, S.

Corporate Source: Mennen Medical Inc, Clarence, NY, USA  
Conference Title: Proceedings - AAMI 19th Annual Meeting: Abstracts on the Application of Technology to Health Care.  
Conference Location: Washington, DC, USA    Conference Date: 19840414  
E.I. Conference No.: 04892  
Source: Publ by Assoc for the Advancement of Medical Instrumentation, Arlington, VA, USA p 20  
Publication Year: 1984

ISBN: 0-910275-34-3  
Language: English

...Abstract: variety of data management functions. In addition, Horizon can also serve as a 'full-function' **alphanumeric** video terminal to a host computer by applying video mixing and switching techniques to the...

...vital signs data, alarm indications and monitoring status into a variable-length block-structured serial **ASCII** data **stream**. Upon simple interrogation of the bedside, this data is then sent asynchronously to a central station or other computer systems. And lastly, the **displays** from any bedside or central station can be recalled upon any other **display** by networking the R, G, B and/or the composite video output from any of the standard EIA RS-170 color video **displays** used in these products.

Identifiers: COLOR-VIDEO BASED BEDSIDE MONITORS; VARIABLE-LENGTH BLOCK-STRUCTURED SERIAL **ASCII** DATA **STREAM**; **DISPLAY** RECALLS BY NETWORKING; ABSTRACT ONLY

12/3,K/45 (Item 7 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
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01164376 E.I. Monthly No: EI8211095628 E.I. Yearly No: EI82017795  
**Title: PRINCIPLES OF DEVICE-INDEPENDENT COMPUTER GRAPHICS SOFTWARE.**  
Author: Warner, James R.  
Corporate Source: Precision Visuals Inc, Boulder, Colo, USA  
Source: IEEE Computer Graphics and Applications v 1 n 4 Oct 1981 13 p  
between p 85 and 100  
Publication Year: 1981  
CODEN: ICGADZ ISSN: 0272-1716  
Language: ENGLISH

**Title: PRINCIPLES OF DEVICE-INDEPENDENT COMPUTER GRAPHICS SOFTWARE.**  
Abstract: **Graphics** support software that allow a single application program to **run** a different **display** devices are considered. The support package is accessed to generate **graphics** output to generate and obtain **graphics** input from the **graphics** device(s) with which it is loaded. The support package maps the application programs **graphics** requirements into the specific **graphics** vocabulary of the target device - a **stream** of **ASCII** characters, for example. Several methodologies for device-independent **graphics** software are presented. 2 refs.  
Descriptors: COMPUTER **GRAPHICS**; COMPUTER SOFTWARE...  
Identifiers: **GRAPHICS** APPLICATION SOFTWARE

12/3,K/46 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

02900656 Genuine Article#: MN196 No. References: 0  
**Title: COMPUTER-AIDED WOOD IDENTIFICATION USING CSIROID**  
Author(s): ILIC J  
Corporate Source: CSIRO, DIV FOREST PROD, PRIVATE BAG 10/CLAYTON/VIC 3168/AUSTRALIA/  
Journal: IAWA JOURNAL, 1993, V14, N4, P333-340  
ISSN: 0928-1541  
Language: ENGLISH Document Type: ARTICLE (Abstract Available) (NO REFS KEYED)

...Abstract: package CARDBOX-PLUS (R). The programme is interactive, completely self contained and is capable of **running** any suitable identification key using original features. Two-feature states are used and an allowance...

...species) with 2000 features. All communication and data access is performed via pop-up window **displays**.

A number of options are available from the programme: selection of keys, setting of features, feature definitions, features used in a previous search, setting of names for matching taxa, **display** of matched taxa, detailed information on taxa, search sequences used during identification, and 'best subsequent...

...latter option for indicating differences and similarities between taxa is discussed.

The potential for using **graphics images** to illustrate features and taxa is indicated.

**ASCII** -coded anatomical features and corresponding feature list from any key can be adapted for use...

12/3,K/47 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

02654139 Genuine Article#: LT597 No. References: 12  
**Title: COMPUTER-AIDED MONITORING - EXPERIENCE IN THE USE OF 3 DIFFERENT SYSTEMS IN CARDIAC ANESTHESIA**  
Author(s): PETRY A; GOCKEL H; WULF H  
Corporate Source: CHRISTIAN ALBRECHTS UNIV KIEL, KLINIKUM, ANASTHESIOLOG & OPERAT INTENS MED KLIN, SCHWANENWEG 21/D-24105 KIEL//GERMANY/  
Journal: ANAESTHESIST, 1993, V42, N8 (AUG), P528-535  
ISSN: 0003-2417  
Language: GERMAN Document Type: ARTICLE (Abstract Available)

...Abstract: special cases additional measurements may be desirable, providing a total of up to 44 variables **displayed** on various monitors, as depicted in Fig. 2. The recording of such an amount of...

...our own development). This single workplace system is also based on an IBM-compatible PC **running** under DOS and was connected to four different monitors used in our cardiac surgery operating...

...Manager: The user interface is a Windows 3.0 application representing an up-to-date **graphical** environment. Unfortunately some Windows features were not fully used, e. g. the free positioning and sizing of **graphic** windows and the color options. Drug inputs were somewhat long-winded, limiting the system's...

...data from all monitors operating in our hospital's heart surgery department. Each parameter was **displayed** in a digital form to get close control over the recorded data (Fig. 1b); additionally...

...pump speed) was particularly appreciated by the users. Since the data were saved as an **ASCII** file, they could easily be imported by any spreadsheet like Lotus 1-2-3 or Excel, providing the whole variety of their **graphical** presentation or calculation features. Because of the high sampling rate (3 min), even short-lasting...

...that provides fast and convenient key inputs as well as further information about parameters not **displayed** on other monitors. In our hospital this could be achieved by the MDM system. However...

12/3,K/48 (Item 3 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

01990992 Genuine Article#: JR898 No. References: 0  
**Title: APPLICATION OF CASE-BASED REASONING CONCEPTS TO THE WEPP SOIL-EROSION MODEL**  
Author(s): MEYER CR; FLANAGAN DC  
Corporate Source: PURDUE UNIV, USDA ARS, NATL SOIL EROS RES LAB/W

LAFAYETTE//IN/47907

Journal: AI APPLICATIONS, 1992, V6, N3, P63-71

ISSN: 1051-8266

Language: ENGLISH Document Type: ARTICLE (Abstract Available) (NO REFS KEYED)

...Abstract: a data file. This approach frees the user from entering the many inputs required to **run** WEPP. The user selects minimum and maximum values for matching a case, and the weight...

...matches are summed to give each case a score. Cases are ranked by score and **displayed** to the user. Retrieved cases include interpretations suggesting improved management practices. They also can warn...

...small amount of highly useful information in RAM memory. The case data file is an **ASCII** file, so the user can enrich and customize it with a **text** editor to reflect individual needs and experience. Unlike rule-based systems, this feature permits the...

12/3,K/49 (Item 4 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

01575459 Genuine Article#: HJ482 No. References: 3

**Title: GCI - A NETWORK SERVER FOR INTERACTIVE 3D GRAPHICS**

Author(s): TUPAREV G; VRIEND G; SANDER C

Corporate Source: EUROPEAN MOLEC BIOL LAB, MEYERHOFSTR 1/W-6900

HEIDELBERG//GERMANY// EUROPEAN MOLEC BIOL LAB, MEYERHOFSTR 1/W-6900

HEIDELBERG//GERMANY/

Journal: JOURNAL OF MOLECULAR GRAPHICS, 1992, V10, N1 (MAR), P12-16

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

**Title: GCI - A NETWORK SERVER FOR INTERACTIVE 3D GRAPHICS**

Abstract: The **Graphics** Command Interpreter (GCI) is an independent server module that can be interfaced to any program that needs interactive three-dimensional (3D) **graphics** capabilities. The principal advantage of GCI is its simplicity. Only a limited set of powerful...

...operations, window management, menu handling and picking.

GCI and the master (client) program it serves **run** concurrently, communicating over a local or remote TCP/IP network. GCI sets up socket communication and provides a 3D **graphics** window and a terminal emulator for the master program. Communication between the two programs is via **ASCII** strings over standard I/O channels. The implied language for messages is very simple. GCI interprets messages from the master program and implements them as changes of **graphical** objects or as **text** messages to the user. GCI provides the user with facilities to manipulate the view of the **displayed** 3D objects interactively, independently of the master program, and to communicate mouse-controlled selection of...

...the master program.

The program is written in C and initially implemented using the Silicon **Graphics** GL **graphics** library. As the need to link special libraries to the master program is completely avoided, GCI can very easily be interfaced to existing programs written in any language and **running** on any operating system capable of TCP/IP communication. The program is freely available.

12/3,K/50 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2002 ProQuest Info&Learning. All rts. reserv.

01474668 ORDER NO: AADAA-I9611179

**A METHODOLOGY TO DEFINE POTENTIAL HAZARDOUS WASTE UNIT BOUNDARIES USING  
AERIAL RADIOLOGICAL MEASUREMENTS (GIS, REMOTE SENSING, AERIAL GAMMA RAY  
SPECTROMETER)**

Author: BRESNAHAN, PATRICK JOHN

Degree: PH.D.

Year: 1995

Corporate Source/Institution: UNIVERSITY OF SOUTH CAROLINA (0202)

Source: VOLUME 56/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 6642. 239 PAGES

...of fluvial systems.

The primary goal of the research was to delineate geographical boundaries for **stream** corridors that can be used as a reference for field survey and preliminary site characterization...

...objectives were characterized by the application of the spatially defined aerial gamma spectrometer data in **display** techniques, surface modeling, and volumetric analysis.

The results of this research have supplied researchers with...

...procedure was developed using Arc/Info software to produce TIN (triangulated irregular network) structures from **ASCII text** files of sample points. Contoured digital layers for individual isotopes were created from interpolated TIN...

**12/3,K/51 (Item 2 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

(c) 2002 ProQuest Info&Learning. All rts. reserv.

01359886 ORDER NO: AAD94-15745

**TELECOMMUNICATION ENHANCEMENT OF TIME DOMAIN REFLECTOMETRY MEASUREMENTS  
(WAVEFORMS)**

Author: HUANG, FEI-CHIU

Degree: PH.D.

Year: 1993

Corporate Source/Institution: NORTHWESTERN UNIVERSITY (0163)

Source: VOLUME 55/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 6666. 115 PAGES

...continuous tracking of cable/wire response. Under such manual schemes monitoring was accomplished only by **moving** the TDR pulser from place to place and attaching cables/wires one at a time...

...has been developed to visually compare up to three TDR waveforms quickly and easily. This **graphical** user interface speeds the comparison and analysis of large numbers of TDR signatures. It is...

...Scientific CR10 can be read. Waveforms can be compared and a difference waveform can be **displayed**. Amplitude and width of voltage reflections can be computed automatically, and results tabulated and saved in an **ASCII** file format.

**12/3,K/52 (Item 3 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

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01179907 ORDER NO: AAD13-44427

**ASSOCIATING IGES GEOMETRY AND DADS SOFTWARE OUTPUT FOR ANIMATION**

Author: KOENIG, JAMES CHRISTOPHER

Degree: M.S.

Year: 1991

Corporate Source/Institution: CALIFORNIA STATE UNIVERSITY, LONG BEACH (6080)

Source: VOLUME 29/04 of MASTERS ABSTRACTS.

PAGE 705. 107 PAGES

**ASSOCIATING IGES GEOMETRY AND DADS SOFTWARE OUTPUT FOR ANIMATION**

...Dynamic Analysis and Design Systems) offers a built in CAD package to create geometry for **animation** using the results of the DADS analysis. There is no method to import geometry from other sources for **animation** using DADS output. This thesis demonstrates a method for associating IGES (Initial **Graphics** Exchange Specification) data with output from DADS.

The "C" program developed for this thesis reads in an IGES **ASCII** file and a DADS binary output file. It allows association of IGES groups with DADS bodies. The program then **animates** the IGES geometry on the Apollo using the gmr3d **graphics** language. The geometry is **displayed** at positions determined from the DADS output.

12/3,K/53 (Item 4 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

1015089 ORDER NO: AAD13-33280

**A THREE-DIMENSIONAL INTERACTIVE GRAPHICAL EDITOR**

Author: BECK, LAWRENCE

Degree: M.E.

Year: 1988

Corporate Source/Institution: THE COOPER UNION FOR THE ADVANCEMENT OF  
SCIENCE AND ART (0057)

Source: VOLUME 26/04 of MASTERS ABSTRACTS.  
PAGE 441. 222 PAGES

**A THREE-DIMENSIONAL INTERACTIVE GRAPHICAL EDITOR**

An interactive, object-based, hierarchical **graphical** editing system is presented. This system has been implemented in a software package written in the 'C' programming language and has been integrated with existing **graphics** hardware. The **graphical** editor is based on a variation of the Programmer's Hierarchical Interactive **Graphics** System (PHIGS). The data structures implementing the PHIGS standard will be discussed.

The **graphical** editor presented allows the user to create both primitive and composite **graphical** objects. Each object may undergo user-specified three-dimensional translation, rotation, and scaling. The objects may be stored on disk in either an **ASCII** command format or a compact binary format. Other object manipulation functions have been implemented. The...

...input, as well as cursor-menu input. This interface will be discussed.

Typical applications include **animation**, robotic simulation, real-time **graphical display**, and Computer-Aided Design (CAD).

12/3,K/54 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
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00604459 E92096173021

**Unicode. A standard international character code for multilingual information processing**

(Unicode. Ein standardisierter, internationaler Zeichencode fuer die mehrsprachige Informationsverarbeitung)

Caldwell, JT

Pacific Rim Connections, Burlingame, USA

Characters and Computers, International Symposium on East Asian Information Processing, Philadelphia, USA, October 20-21, 1990/1991

Document type: Conference paper Language: English

Record type: Abstract

ISBN: 90-5199-061-8

**ABSTRACT:**

Unicode offers a single, uniform, **text** and character standard that can encompass all languages and form a long-lasting basis for...



...for a simple multilingual character standard in electronic information systems. The model for Unicode is **ASCII** ( **American Standard Code for Information Interchange** ) with its simple unambiguous fixed-width characters. Fixed-width characters simplify information processing in **text streams** , flat **text** files, strings, character arrays, database fields, procedure arguments and returns. They simplify **text** operations such as insertion and deletion, truncation, indexing the nth character, etc. Conversely, variable width...

...page switching (as are common in other multilingual standards) complicate information interchange and programming. Since **ASCII** 's seven-bit character size is inadequate to handle multilingual **text** , Unicode extends the benefits of **ASCII** to multilingual **text** and adds new strengths of its own. A 16-bit character code can uniquely specify...

...sequence or control code is required to specify any character in any language. Unicode handles **alphabetic** and ideographic character sets simultaneously and with equal facility. Glyphic letters which are composed of...

...in Unicode. Basic (kernel) computer programs that use Unicode to represent characters but do not **display** or print **text** can often remain undisturbed.

...DESCRIPTORS: LETTER; CODING; MESSAGE PROCESSING; **TEXT** COMMUNICATION

12/3,K/55 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2002 The HW Wilson Co. All rts. reserv.

1747527 H.W. WILSON RECORD NUMBER: BAST88050391  
**Features vs. speed**  
AUGMENTED TITLE: FullWrite  
Gabaldon, Diana;  
Byte v. 13 (Nov. '88) p. 241-2+  
DOCUMENT TYPE: Product Evaluation ISSN: 0360-5280

...ABSTRACT: FullWrite Professional word processor (\$395) for the Macintosh is loaded with features. It can integrate **graphics** and **text** and even lets the user create simple drawings from within the program. Footnotes, endnotes, posted...

...notes, and bibliography notes are all supported. The program also offers a choice of four **display** modes, a spelling checker, a thesaurus, an undo key, and lots of other features, many...

...and Microsoft Word 3.01. The program also fell behind in tests for keystroke counts, **ASCII** file conversion, and **scrolling** . Finally, FullWrite Professional takes up at least 1Mb of memory. At least 2Mb is needed...

DESCRIPTORS: **Text** editors (Computer programs...  
;

12/3,K/56 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

03616434  
ECA C&C PRODUCTS LAUNCHES HICO A4 COLOUR SCANNER  
US - ECA C&C PRODUCTS LAUNCHES HICO A4 COLOUR SCANNER  
Byte (BYE) 0 July 1990 p48  
ISSN: 0360-5280

... colour scanner which will recognise 256 colours and scan a 4 in wide band of **graphics** . The DOS-compatible software allows standard desktop

publishing functions to be carried out, and allows the value, saturation and hue of each colour **picture** to be changed. Main functions include importing **ASCII text** , merging scanned **pictures** , supporting file formats such as .PMC, .VMG and .SCF. Over 30 editing tools are supported by the software which includes circle, line, **move** enhance, rotate, air spray, area fill, copy, scissors, fade, outline, reverse and undo. The A4 ...

...Scanner features an 8- bit scanner interface card and functions with VGA Adapter boards for **displaying** 640 x 480 pixel resolution. It also works with EGA adapter boards. It supports Paintjet...

PRODUCT: Micrographic Equipment **Graphics** Software

12/3,K/57 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00403356 95H011-018  
**Face the imagination: StoryLine Pro**  
Johnson, Sharlene; Bowen, Charles  
HomePC , November 1, 1995 , v2 n11 p265-267, 2 Page(s)  
ISSN: 1073-1784  
Company Name: Truby's Writers Studio  
Product Name: StoryLine Pro

... stories are developed. The First Draft section supports bringing documents into the program as plain- **text ASCII** files, and Rewrite mode helps the writer evaluate his or own work. Rated two-and-one-half out of five stars. Contains one screen **display** . (HHW)

Descriptors: Writing; Software Review; Creativity; Window Software; Fiction; **Motion Pictures**

12/3,K/58 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00396637 95MA09-306  
**PageMill shows off Mac-like Web tools: Ceneca's app for WYSIWYG Web weaving brings a vital weapon to the Mac arsenal**  
Ford, Ric  
MacWEEK , September 25, 1995 , v9 n38 p22, 26, 2 Page(s)  
ISSN: 0892-8118  
Company Name: Ceneca Communications  
Product Name: PageMill

...friendly tools for WYSIWYG HTML editing via drag-and-drop operations, creating interactive forms and **graphical** links on top of **images** , control of GIF transparency and interlacing, and can convert non- **ASCII** characters to HTML equivalents. However, says it cannot build HTML tables, flow **text** around **images** , support advanced media types, **run** on Windows, and manage complete Web sites. Calls it a product that demonstrates ``great potential but did not yet exhibit commercial quality.'' Includes two screen **displays** and a summary card. (dpm)

12/3,K/59 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00387927 95U006-007  
**How to buy: the X factor -- X terminals are proving to be a cost-effective answer for multimedia and office-automation applications. But there are challenges to...**  
Stevens, Larry  
Open Computing , June 1, 1995 , v12 n6 p61-64, 3 Page(s)

Discusses the benefits of **moving** from **ASCII** terminals to X terminals, which include reduced eyestrain, **graphical** interfaces which decrease learning time and increase productivity, and the ability to **display graphics**. Notes that popular, standard office-productivity products such as Novell Inc.'s WordPerfect and Microsoft Corp.'s Excel, cannot be used on **text** terminals. Also describes the use of X terminals as replacements for the desktop P for office automation, and as supplements to workstations multimedia and **graphics** -intensive applications. States that the biggest advantage of X terminals over PCs is the lower...

... of the floppy drive option to X terminals; and the use of emulation software to **run** Windows or DOS applications on Unix-based X terminals. Includes one photo, one screen **display**, and a list of vendors. (jo)

Descriptors: Terminal; X Window; Multimedia; **Graphics**; User Interface; Workstation; Unix

12/3,K/60 (Item 4 from file: 233)  
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00387635 95PI06-011

**Putting the ``space'' in cyberspace**

Von Schweber, Linda; Von Schweber, Erick

PC Magazine, June 13, 1995, v14 n11 p32, 1 Page(s)

ISSN: 0888-8507

Company Name: Template **Graphics** Software

Product Name: SceneCreator; WebSpace; Virtual Reality Modeling Language

Company Name: Template **Graphics** Software

... automatically launches a 3-D browser on your computer; the server downloads a specially formatted **ASCII** file that the browser interprets, and once in the 3-D home world, clicking on...

... 3-D browser based on VRML and the OpenGL rendering language; and SceneCreator from Template **Graphics** Software, which is designed to let nonprogrammers create their own VRML worlds. Notes that while most developers are stressing **graphics** quality, UB Networks is choosing high levels of interactivity. Includes three screen **displays**. (jo)

Descriptors: Virtual Reality; Internet; World Wide Web;

Three-dimensional **Graphics**; **Animation**; Web Browsers

Identifiers: SceneCreator; WebSpace; Virtual Reality Modeling Language; Template **Graphics** Software

12/3,K/61 (Item 5 from file: 233)  
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00382239 95LA04-317

**Little hocus-pocus with TeleMagic -- Network contact manager boasts outstanding features but lengthy installation**

Duncan, Thom

LAN Times, April 24, 1995, v12 n8 p118-120, 2 Page(s)

ISSN: 1040-5917

Company Name: TeleMagic

Product Name: TeleMagic

... contact manager from TeleMagic Inc. of Dallas, TX (800, 214). Recommends that the program is **run** on non-NetWare networks (Artisoft LANTastic, Microsoft Windows for Workgroups, all NetBIOS-compatible networks). Features...

... functions, extensive reporting capabilities, a functional e-mail facility, and the ability to support standard **ASCII text** and Borland

International Inc.'s dBase III Plus format. However, says that its installation procedure...

...the Novell NetWare Bindery. Received a three out of five overall rating. Includes a screen **display** and a score card. (ACD)

12/3,K/62 (Item 6 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00363467 94PV10-003  
**DOS command dictionary -- How to use different DOS commands**  
Larson, Jennifer  
PC Novice , October 1, 1994 , v5 n10 p16-17, 2 Page(s)  
ISSN: 1052-1186  
Company Name: Microsoft  
Product Name: MS-DOS

... to avoid damaging them. CD (change directory) is used in all levels of DOS to **move** between directories. MEM (DOS 4.0 and higher) gives a report on the system's...

... amount of power a laptop uses. PROMPT (DOS 2.0 and higher) defines what is **displayed** as the prompt. TYPE, in all versions of DOS, **displays** the contents of a file on screen if it is in **ASCII text** . Includes seven illustrations. (LDS)

12/3,K/63 (Item 7 from file: 233)  
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00363052 94CG10-001  
**Inside the game developer's toolbox -- A variety of software packages, from paint programs to 3D animation , help game developers create dazzling CDs**  
Coco, Donna  
Computer Graphics World , October 1, 1994 , v17 n10 p18-31, 9 Page(s)  
ISSN: 0271-4159  
Company Name: Autodesk; Hash; Alias  
Product Name: 3D Studio; Playmation; PowerPlay

...the game developer's toolbox -- A variety of software packages, from paint programs to 3D animation , help game developers create dazzling CDs

... Autodesk of Sausalito, CA features texture-mapping abilities, has good polygon tools, and can handle **ASCII** output. Says that Playmation from Hash Inc. of Vancouver, WA was much less expensive than 3D Studio, and could be used to produce character **animation** and organic modeling quite easily. Adds that PowerPlay from Alias of Toronto, ON provides good modeling, rendering, and **animation** tools and has an interface that encourages experimentation. Claims that PowerPlay also features excellent interactivity...

...programs; texture maps; color and lighting; rendering speed; interactive products; blue screening; sequencing; gamma correction; **running** filters; and 3D modeling. Includes 15 screen **displays** . (jo)

Descriptors: Games; CD-ROM; Software Tools; Product Development;  
**Animation** ; Three-dimensional **Graphics** ; Paint Program

12/3,K/64 (Item 8 from file: 233)  
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00351679 94DT06-008  
**Get to Notes databases in VB**  
Bienick, Paul; Greengart, Avi  
Data Based Advisor , June 1, 1994 , v12 n6 p18-20, 2 Page(s)

ISSN: 0740-5200

Company Name: Brainstorm Technologies

Product Name: VB/NotesLink

... can convert existing data into a Notes database from such formats as FoxPro, Paradox, Access, **ASCII**, and SQL Server. Contains, however, the program is not for novices, requiring considerable Notes and Visual Basic knowledge, and the program isn't well suited for **moving** large amounts of data between Notes and other databases. Says since the applications you create are in Visual Basic, not in Notes, therefore its **icon** can't be put on your Notes desktop. Includes two screen **displays**. (CH)

**12/3,K/65 (Item 9 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00345237 94PW04-023

**Documents to go, with styles in tow**

Tynan, Daniel

PC World, April 1, 1994, v12 n4 p113, 1 Page(s)

ISSN: 0737-8939

Company Name: ElseWare; No Hands Software

Product Name: Font Works; Common Ground for Windows

... preserve formatting of transmitted documents. Font Works (\$129.95) from ElseWare Corp. (206) works to **move** documents between Windows PCs, Macintoshes, and some pen-based systems. It matches the typeface in...

... Hands Software (800, 415) takes snapshots of the document (two low-resolution copies for screen **displays** and 200- and 300-dpi copies for faxing and printing) and stores an **ASCII** version of the **text** to facilitate word searches. It includes a self-launching miniviewer with each document, so users...

**12/3,K/66 (Item 10 from file: 233)**

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00339468 94WN02-022

**Discovery Pro/Discovery ZX: order in the court**

Claiborne, David

Windows Magazine, February 1, 1994, v5 n2 p154-156, 2 Page(s)

ISSN: 1060-1066

Company Name: Discovery Products

Product Name: Discovery ZX; Discovery Pro

... 1,195), information retrieval programs for legal applications, from Discovery Products Inc. (800, 510). These **run** on IBM PC compatibles with 4MB RAM, 10MB hard disk space, and Windows. Says that...

... both ZX and Pro only accept court, deposition, and transcript information in their proprietary format, **ASCII**, WordPerfect, and Word documents can be converted into that format. Indicates that Discovery ensures that...

...never alters original legal documents by using annotation, several types of which are allowed, including **text** notes, cross-refs, **graphics**, and audio. Explains that ZX allows searches by Boolean operators, while Pro also can employ...

... Also says reports can be compiled; however, multimedia can be better integrated. Includes one screen **display**. (jo)

**12/3,K/67 (Item 11 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00339462 94WN02-016

**Code Manager 2.1: search files fast**

Schindler, Paul E

Windows Magazine , February 1, 1994 , v5 n2 p142-144, 2 Page(s)

ISSN: 1060-1066

Company Name: Cognitronix

Product Name: Code Manager

... 843K free hard disk space, and Windows. Calls Code Manager an intelligent approach to managing **text**-based files, which allows searching for **text** strings in any file containing **ASCII text**, including still-compressed PKZIP files. Reports that the program can globally replace any word or...

... says that Code Manager can perform fuzzy searches, or use Boolean operators and wildcards find **text**. Claims that this program is particularly useful for programmers, and functions that it can perform on files include backing up, launching, compressing, unzipping, copying, **moving**, deleting, or viewing them. Includes one screen **display**. (jo)

12/3,K/68 (Item 12 from file: 233)

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00333553 93PI12-131

**Argus/n**

Bachus, Kevin

PC Magazine , December 7, 1993 , v12 n21 p374, 376, 2 Page(s)

ISSN: 0888-8507

Company Name: Triticom

Product Name: Argus/n

... good hardware inventory capabilities and can report several network statistics (reports can be saved as **ASCII** files or imported into a database or spreadsheet). It also allows the administrator to take...

...screen and keyboard through its remote-control facility. It can software inventory can report applications **running** on each PC and how long since it has been active, but it cannot determine...

... a client's hard disk. In testing, the remote control facility did not work when **running** apps in nonstandard **graphics** modes. Includes one screen **display**. (djd)

12/3,K/69 (Item 13 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00327059 93PI10-057

**Bibliographic software: point of reference -- Term papers and scholarly documents should move out of authors' hands considerably faster with today's bibliographic tools.**

Rabinovitz, Rubin

PC Magazine , October 12, 1993 , v12 n17 p269-283, 7 Page(s)

ISSN: 0888-8507

**Bibliographic software: point of reference -- Term papers and scholarly documents should move out of authors' hands considerably faster with today's bibliographic tools.**

... than one word processor, can generate characters needed for Western European languages and the scientific **symbols** used in the IBM character set, and work with **ASCII** files. All the programs reviewed a good, but all have minor flaws. Because none of...

... significantly better than the rest, there is no 'Editors' Choice.'

Includes one illustration, five screen **displays** . (djd)

**12/3,K/70 (Item 14 from file: 233)**  
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00321198 93PI08-008

**Matlab focuses on matrix-based math**

Simon, Barry

PC Magazine , August 1, 1993 , v12 n14 p44, 1 Page(s)

ISSN: 0888-8507

Company Name: Math Works, The

Product Name: Matlab for Windows

...recommended), 8MB hard disk space, math coprocessor, and Windows 3.1. The program can be **run** interactively using the command line or through M-files, programs written in **ASCII** format. The program requires data to be entered as matrices and it provides many 2...

... and 3-D graph types, including logarithmic, polar, contour, and surface plots. It also supports **animation** . Its lighting and shading algorithms are superior to those in Mathematica. Graphs are placed in windows and then can be treated as objects, with color changes, rotation, or adding of **text** . Says the program is 'well designed but pricey.' Includes one screen **display** . (djd)

**12/3,K/71 (Item 15 from file: 233)**  
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00318507 93MW07-025

**Spyglass Dicer 2.0**

Seiter, Charles

Macworld , July 1, 1993 , v10 n7 p174, 1 Page(s)

ISSN: 0741-8647

Company Name: Spyglass

Product Name: Spyglass Dicer

... 256-color monitor, and System 6.0.5. A math coprocessor is recommended. The program **displays** a two-dimensional slice through a three-dimensional object. This release can convert MatLab, X Window, and **ASCII** column and matrix files as well as sets of 2-D PICT and TIFF files ...

... full control over object transparency. It can save sets of slides and transparency views as **animations** and produce presentation slides with coordinates, legends, and titles. Although the vendor strongly recommends a ...

... and 8MB RAM is a more realistic minimum than the stated 4MB. Includes one screen **display** . (djd)

Descriptors: Three-dimensional **Graphics** ; Software Review

**12/3,K/72 (Item 16 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00312631 93PW05-015

**Folio Views: quick access to frequently changing information**

Bertolucci, Jeff

PC World , May 1, 1993 , v11 n5 p81, 1 Page(s)

ISSN: 0737-8939

Company Name: Folio

Product Name: Folio Views; Folio Views Lite

... program imports documents from DOS and Windows versions of WordPerfect and Word as well as **ASCII** and Views 2.1 files. Imported files are indexed, word by word, and compressed to...

... edit records in the program's info base (a single file on a network server). **Graphics** , **animations** , and audio and video files can be stored as objects within an info base and...

... registered. The program offers editing tools, undo functions, and a spelling checker. Includes one screen **display** . (djd)

**12/3,K/73 (Item 17 from file: 233)**  
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00309178 93AW04-009  
**Pixel 3D Professional**  
Blaize, Steven  
AmigaWorld , April 1, 1993 , v9 n4 p19-22, 3 Page(s)  
ISSN: 0883-2390  
Company Name: Axiom Software  
Product Name: Pixel 3D Professional

Presents a favorable review of Pixel 3D Professional (\$249.95), a program to convert **pictures** into 3-D objects, from Axiom Software of Rochester, MN (612). Runs on Amiga with...

... can be saved in 3D Pro, LightWave 3D, Turbo Silver, AutoCAD DXF, Wavefront, Binary and **ASCII** , Videoscape, Imagine, Sculpt 3D, Draw4 and 4D Pro, Caligari, or Router Bit formats. Includes one screen **display** . (FG)

Descriptors: Three-dimensional **Graphics** ; **Image** Processing;  
Conversions; **Animation** ; Software Review

**12/3,K/74 (Item 18 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00306790 93PI03-084  
**INTRCPT**  
Flanders, Bob  
PC Magazine , March 16, 1993 , v12 n5 p284, 286, 2 Page(s)  
ISSN: 0888-8507  
Company Name: Hackensack  
Product Name: INTRCPT

... and a subfunction. It records them in log mode (an entry is added to an **ASCII text** file), monitor mode (the last four calls are **displayed** in **ticker** -tape format at the bottom of the screen), or trap mode (the debugger is invoked...

... breakout switch (\$59) allows examining memory on a dead system before rebooting. Includes one screen **display** . (djd)

**12/3,K/75 (Item 19 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00303166 93PX02-013  
**America Online**  
PCM , February 1, 1993 , v10 n8 p27, 1 Page(s)  
ISSN: 0747-0460  
Company Name: America Online  
Product Name: America Online

...send electronic mail through Internet at no extra charge, but you can



send and receive **ASCII text** of up to approximately 30K and are restricted from subscribing to any mailing lists. People who **run** this service are extremely friendly and courteous. Has a Windows-based version with multitasking. Cautions that you can't do anything else while transferring files. Contains two screen **displays** . (v1)

**12/3,K/76 (Item 20 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00300497 93PJ01-008  
**SYSTAT 5.2**  
Holzberg, Carol S  
PC Today , January 1, 1993 , v7 n1 p27, 1 Page(s)  
ISSN: 1040-6484  
Company Name: SYSTAT  
Product Name: SYSTAT

... requires a sophisticated knowledge of statistical techniques. Comes with import filters for STAT DOS, Excel, **ASCII text** , and specially prepared map files. QuickTime lets you create impressive **animated** visualizations of STAT 3-D or 2-D plots and graphs. Enter data in a spreadsheet-like editor. Can generate **text** -based reports. Interface is not always intuitive and data manipulation is sometimes awkward. Contains one screen **display** . (v1)

**12/3,K/77 (Item 21 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00300461 93PX01-032  
**A nonprogrammer's programming shortcut -- QuickAuthor 1.2**  
Salisbury, Mike  
PCM , January 1, 1993 , v10 n7 p75-76, 2 Page(s)  
ISSN: 0747-0460  
Company Name: Datacompose  
Product Name: QuickAuthor

... by turning a series of presentation screens into a single executable file that users can **run** simply by typing its name. Presents screens either automatically or through user response. Create your own **ASCII** character-based screens using straightforward commands or use the included screen-capture utility, a separate...

... other people have designed. Its most significant new feature is the ability to handle .PCX **graphics** -based screens. Up to 800 screens can be contained in one application. Says it requires little time to learn and use. Finished creations are of fine quality. Contains one screen **display** . (v1)

**12/3,K/78 (Item 22 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00297697 92PI12-085  
**PaperWorks**  
Stone, M David  
PC Magazine , December 8, 1992 , v11 n21 p337-338, 2 Page(s)  
ISSN: 0888-8507  
Company Name: Xerox Corp.  
Product Name: PaperWorks

...hard disk space, DOS 3.1 or later, and Microsoft Windows 3.0 or later **running** in 386 Enhanced mode. It utilizes a desktop metaphor with five **icons** . Faxing is accomplished by "traipsing from **icon** to **icon** ."

The program can fax **ASCII** , .BMP, .EPS, .PCX, and PostScript files directly from disk. It can also intercept the printed...

...less a useful program than a collection of interesting ideas.'" Includes one illustration, one screen **display** . (djd)

**12/3,K/79 (Item 23 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00297696 92PI12-084

**MTEZ Standard with ExpressFax**  
Stone, M David  
PC Magazine , December 8, 1992 , v11 n21 p330, 337, 2 Page(s)  
ISSN: 0888-8507  
Company Name: WordPerfect  
Product Name: MTEZ Standard with ExpressFax

... is easy to install but it supports only Class 1 fax modems. It can convert **ASCII** , .DCX, .PCX, TIFF files or files printed to disk using an Epson FX driver to...

...IBM, and Panasonic KX-P printers. No PostScript support is provided. The program has no **graphics** editor, OCR capability, or compression features, and its management capabilities are limited to deleting or **moving** fax files. It is a good choice for DOS users who don't need these missing features. Includes one illustration, one screen **display** . (djd)

**12/3,K/80 (Item 24 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00297695 92PI12-083

**Mirror III Fax**  
Benack, Edward J  
PC Magazine , December 8, 1992 , v11 n21 p329-330, 2 Page(s)  
ISSN: 0888-8507  
Company Name: SoftKlone  
Product Name: Mirror III Fax

... RAM, 1MB hard disk space, and DOS 3.1 or later. It cannot fax formatted **text** but it can intercept the data **stream** from a printing document or fax the currently **displayed** screen. It can also print to a disk and translate the file, or convert **ASCII** , Dr. Halo, .CUT, and .PCX files to be faxed. Transmission and reception are handled in...

... tasks in a corporate environment, but it is difficult to use. Faxing an intercepted data **stream** works only in character-based operations that don't monopolize keyboard interrupts. Recommends the program only to power users. Includes one illustration, one screen **display** . (djd)

**12/3,K/81 (Item 25 from file: 233)**  
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00282164 92CP07-007

**Ghost v. 1.2: Vermont Creative Software**  
Murphy, Thomas  
Computer Language , July 1, 1992 , v9 n7 p72-73, 80, 3 Page(s)  
ISSN: 0749-2839  
Company Name: Vermont Creative Software  
Product Name: Ghost

... can be compared and differences flagged; the manual is detailed; and it works best for **text** -based products; and the price is very good. Adds

that also available are Ghost Jr. (\$79 per site), a **run** -time facility; and Ghost Sr. (\$495), a version for PCs acting as **ASCII** terminals for minicomputers or mainframes. Includes one screen **display** . (jb)

**12/3,K/82 (Item 26 from file: 233)**

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00273546 92PM04-015

**Microsoft Works for DOS 2.0**

Smith, Jan  
PC Computing , April 1, 1992 , v5 n4 p188-191, 2 Page(s)  
ISSN: 0899-1847  
Company Name: Microsoft  
Product Name: Microsoft Works for DOS

...to view from a list of open files in a Window menu. Can size and **move** windows or split a window to view two parts of a document at the same...

... The spreadsheet is adequate with a healthy set of functions and a limited number of **graphics** . The communications module is simple. Program includes an alarm clock and a calculator; and a file-management utility for maintaining files or formatting disks. Cautions that Works only imports **ASCII** or RTF files into the word processor. Fonts are limited to whatever is available in your printer. There are no live links. Contains one screen **display** . (vl)

**12/3,K/83 (Item 27 from file: 233)**

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00270591 92IW03-255

**DataFlow lets users look at but not touch XBase, Paradox data**

Frank, Maurice  
InfoWorld , March 16, 1992 , v14 n11 p109, 1 Page(s)  
ISSN: 0199-6649  
Company Name: Information Management Systems  
Product Name: DataFlow

... it has a CUA-style interface and provides read-only access to XBase, Paradox, and **ASCII text** files; it offers a surprising variety of features: the ability to open up to nine files, each in a window; **move** columns and records and link two tables; and you can build compound searches with multiple criteria. Includes one screen **display** . (jb)

**12/3,K/84 (Item 28 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00267050 92AW02-007

**Personal Write -- You get what you pay for.**

Johnson, Dave  
AmigaWorld , February 1, 1992 , v8 n2 p19-22, 4 Page(s)  
ISSN: 0883-2390  
Company Name: Cloanto  
Product Name: Personal Write

... program is well-featured and inexpensive. It is a professional word processor that handles only **text** and printer fonts. It performs the common word-processing tasks through the use of **icons** : cancel operation, cut, copy, paste, **move** cursor to beginning, **move** cursor to end, remember cursor position, mark block of **text** , mark page, and print. Menus provide access to other features. It lets you save documents as compressed files that are 60% smaller than a comparable **ASCII** file. Can configure it

to load or save files using character sets from the Amiga, Mac, IBM, Atari, Commodore, and international **ASCII** keyboard layouts. Interface can be modified to **display** in a variety of languages. Has PostScript output. Cautions that it functions too much like a **text** editor. Contains one screen **display** . (vl)

12/3,K/85 (Item 29 from file: 233)  
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00262287 91IW12-225

**X terminal alternative to debut -- Windowing terminals run character-mode applications**

Corcoran, Cate

InfoWorld , December 16, 1991 , v13 n50 p27, 1 Page(s)

ISSN: 0199-6649

**X terminal alternative to debut -- Windowing terminals run character-mode applications**

... in January, six companies will introduce new terminals based on the AlphaWindow standard from the **Display** Industry Association of Palo Alto, CA (415), which has 17 members representing 70 percent of the ANSI/ **ASCII display** terminals sold worldwide. The six companies include AT&T, Cumulus Technology, Link Technologies, Edisa Informatica...

... and will have hardware support for windowing, but unlike X terminals, they are designed to **run** existing applications written for character-mode, or **text** , terminals. Adds that several companies will also introduce software windowing based on the AlphaWindow standard...

12/3,K/86 (Item 30 from file: 233)  
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00250858 91PI10-112

**ZyINDEX comes to Windows**

Mendelson, Edward

PC Magazine , October 29, 1991 , v10 n18 p56, 1 Page(s)

ISSN: 0888-8507

Company Name: ZyLAB

Product Name: ZyINDEX for Windows

... ZyINDEX for Windows version 4.1 (\$395 for first station, \$195 per additional station), a **text** -retrieval program from ZyLAB, Buffalo Grove, IL (800). The program requires 1MB RAM, a hard...

... wildcard, and proximity searches. It supports Microsoft Word, WordPerfect, Word for Windows, Ami Pro, XyWrite, **DisplayWrite** , and Volkswriter. Files in other formats can be indexed, but they will be treated as **ASCII** files. **Text** in file found by a search can be selected for copying to the Windows Clipboard but the program does not allow **moving** the cursor word by word with Ctrl-arrow keys as with other Windows applications. interface uses confusing menus, so the manual is required. It the fastest, most flexible **text** -retrieval program for Window Includes one screen **display** . (djd)

Descriptors: Information Retrieval; **Text** ; Indexing; Software Review  
; Window Software

12/3,K/87 (Item 31 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00248776 91PI09-043

**Maximus-CBCS, version 1.02**

Salemi, Joe

PC Magazine , September 10, 1991 , v10 n15 p260, 267, 2 Pages  
ISSN: 0888-8507  
Company Name: SCI Communications  
Product Name: Maximus-CBCS

... program to answer incoming calls. Modifying the configuration is somewhat difficult as it requires changing **ASCII** configuration files through a **text** editor. It is the only package available for **running** a networkable, multiuser BBS under OS/2, and this version allows **running** applications in other OS/2 sessions while the BBS is active and support an unlimited...

... users. For DOS users, other BBS products offer more functionality. Includes one illustration, one screen **display** . (djd)

**12/3,K/88** (Item 32 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00243160 91PX06-010  
**Outside In**  
Gividen, Margaret  
PCM , June 1, 1991 , v8 n12 p72-73, 2 Pages  
ISSN: 0747-0460  
Company Name: Systems Compatibility  
Product Name: Outside In

... it supports expanded memory. The package includes viewers for more than 50 file formats including **ASCII** , word processors, spreadsheets, databases, and include three Macintosh word processor formats. The program is called...

...a file name on the left of the screen, the contents of the file are **displayed** in a viewing window as it would appear in its nati application. TAB puts activates the viewing screen, which allows **scrolling** through a file. While viewing, all or parts of a file ca be copied into the open word processing document. **Text** enha are preserved, and **text** conforms to existing margins and tab Includes one screen **display** . (djd)

**12/3,K/89** (Item 33 from file: 233)  
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00242599 91PM06-049  
**Harvard Graphics 3.0**  
Gralla, Preston  
PC Computing , June 1, 1991 , v4 n6 p42-44, 2 Pages  
ISSN: 0899-1847

**Harvard Graphics 3.0**  
Presents a favorable review of Harvard **Graphics** v. 3.0 (\$595), a presentation **graphics** package from Software Publishing of Mountain View, CA (415). Says this version features thoroughly revamped drawing and **animation** tools. They are richly featured, **icon** -based and exceptionally easy to use. Also has more font support than previous versions. Uses...

... is available. There are also more chart types, as well as more color palettes and **symbols** . Program imports bit-mapped files in .PCX and TIFF formats, and it makes use of...

... and expanded memory. There are live data links to Lotus 1-2-3, Excel, and **ASCII** files, and the interface of the entire program has been **streamlined** . Cautions that the interface is more difficult than it should be. Says it is "the best DOS-based presentation package." Contains one screen **display** . (vl)

Descriptors: Presentation **Graphics** ; **Graphics** ; Business; Software

Review

Identifiers: Harvard **Graphics** ; Software Publishing

12/3,K/90 (Item 34 from file: 233)  
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00242313 91CO06-029

**The Norton Backup and the Norton Editor**  
Anzovin, Steven  
COMPUTE! , June 1, 1991 , v13 n6 p130-132, 2 Pages  
ISSN: 0194-357X

... review of The Norton Backup (\$149), a backup program, and The Norton Editor (\$99), an **ASCII text** editor, from Symantec Corporation of Cupertino, CA (800). Both **run** on the IBM PC and compatible; supports a mouse. Says Norton Backup is a network...

... memory. Says users should put both of these on their shopping list. Contains one screen **display** . (vl)

Descriptors: Utility Program; Backup; Editor; **Text** ; Software Review

12/3,K/91 (Item 35 from file: 233)  
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00241081 91PI05-143

**xText**  
Fersko-Weiss, Henry  
PC Magazine , May 28, 1991 , v10 n10 p281-282, 2 Pages  
ISSN: 0888-8507

...RAM and DOS 2.1 or later. It is designed to produce help manuals that **run** in a standalone or memory-resident mode. It does not support interactive editing or links to **graphics** , other media, or applications. It includes print-to-disk drivers for Microsoft Word 5.0 and WordPerfect 5.0. Users of other word processing programs must convert files to **ASCII** for import, losing all formatting. For users writing help manuals, it is an easy-to...

... better searching or navigating abilities, it is a poor choice. Includes one illustration, one screen **display** . (djd)

12/3,K/92 (Item 36 from file: 233)  
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00234502 91PI02-155

**Encore Plus**  
Dewar, Graeme  
PC Magazine , February 26, 1991 , v10 n4 p332-335, 3 Pages  
ISSN: 0888-8507

... can be entered into the program's spreadsheet or imported in .WKS, .WK1, comma-delimited **ASCII** , or plain **text** files. The program provides strong risk-analysis features and can be used to **run** Monte Carlo simulations. Its **graphics** capabilities should be upgraded, as it does not support VGA **display** or high-quality output devices such as laser printers (a third-party add-on, Print...

... printers). A good choice for analysts who are comfortable with programming languages. Includes one screen **display** . (djd)

12/3,K/93 (Item 37 from file: 233)  
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00231526 90BY10-111

**Stranger in a strange land** It's easier than you might imagine to share information among the Macintosh and other personal computers

Thompson, Tom

BYTE , December 15, 1990 , v15 n11 p89-95, 6 Pages

ISSN: 0360-5280

... in which PCs and Macs can exchange files. Examines various non-networked solutions devised that **move** files from PC floppy disks to Mac floppy disks. Demonstrates how serial ports can be...

... systems. Examines also PageMaker 3.0, WingZ for OS/2 and other applications that can **run** on both PCs and Macs as well as formats such as **ASCII text** , PostScript and TIFF which greatly facilitate movement of **text** data across different machines. One sidebar differentiates the two forks found in Mac files and...

... non-Mac files in Macintoshes. Lists vendors of items covered at end. Includes five sample **displays** , a diagram and illustration. (PAM)

12/3,K/94 (Item 38 from file: 233)  
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00230499 90ST12-026

**Readpic Optical Character Recognition done right**

Plotkin, David

START , December 1, 1990 , v5 n4 p80-81, 2 Pages

ISSN: 0889-6216

... ST with 512K and Geniscan Hand Scanner. Says it offers true optical character recognition by **moving** a document from paper into the computer without having to type. It scans the character, then translates it into **ASCII text** , making it readable in any ST word processor or desktop publishing program. Next you can **move** through the file and fill in the characters that were missed before you save the...

... to increase the recognition rate. The manual is good. Cautions that the program does not **run** with Double Click's DC Deskey. Contains one screen **display** . (v1)

Descriptors: Optical Character Recognition; Image Processing; Hardware Review

12/3,K/95 (Item 39 from file: 233)  
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00230171 90BY12-033

**Unix and 1-2-3**

Farris, Rick

BYTE , December 1, 1990 , v15 n13 p233, 1 Pages

ISSN: 0360-5280

...multiuser environment of Unix System V/386. Supports VGA and EGA with a choice of **text** resolutions ranging from 25 rows by 80 columns to 60 by 80. Graphs are **displayed** on supported adapters. It can simultaneously **display** up to 26 worksheets in perspective mode. Says it extends the base 1-2-3 release 3.0 product with features suited to Unix-style networking and can be **run** from **ASCII** terminals. But, it is licensed for one CPU, meaning you must log onto the licensed...

... largely succeeds in preserving the look and feel of the DOS version.

Contains one screen **display** . (vl)

**12/3,K/96** (Item 40 from file: 233)  
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00228708 90PX11-032

**20-in-1**

Gray, Robert  
PCM , November 1, 1990 , v8 n5 p85-86, 2 Pages  
ISSN: 0747-0460

...requires 256K RAM and DOS 3.0 or later. Each of the programs can be **run** as a stand-alone from the DOS command line, and a menu function is provided which allows **running** any of them from a menu with a single keystroke. Utilities included are an address book, file- **display** utility, **ASCII** file viewer, calculator, calendar, clipboard, program to **display** color bars, program to alter cursor size, program to remove DOS tabs from **ASCII** files, diary, directory **display** indicating size in bytes, **graphic display** of hard disk, file encrypter, mortgage calculator, menu manager, file mover, telephone directory, print utility...

... screen colors. Programs are simple and straightforward to use, even for novices. Includes one screen **display** . (djd)

**12/3,K/97** (Item 41 from file: 233)  
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00228233 90BY11-037

**Unix programming environment has all the tools**  
BYTE , November 1, 1990 , v15 n12 p62, 1 Pages  
ISSN: 0360-5280

... that supports all phases of C programming. Runs on Sun-3 and Sun386i workstations, DECstations **running** Ultrix, and **ASCII** and X Window System terminals. Says it has a customizable multiwindow **graphical** interface. Includes one screen **display** . (jb)

**12/3,K/98** (Item 42 from file: 233)  
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00228035 90MU11-002

**FrameMaker Long-document publishing power finally comes to the Mac in a powerhouse program.**

Wasson, Gregory  
MacUser , November 1, 1990 , v6 n11 p54-57, 3 Pages  
ISSN: 0884-0997

... 995), a page layout program from Frame Technology, San Jose, CA (408). The program can **run** on a Macintosh Plus with 2MB RAM and a hard disk, but for optimal use...

... disk 4MB RAM, a PostScript printer, and a large-screen monitor (preferably a two-page **display** ). It provides extensive control of paragraph formatting (style sheets) and supports PostScript pass-throughs. It can import **text** from MacWrite 5.0, Word 3.0 or 4.0, and **ASCII** , but its extensive word processing capabilities will probably make importing unnecessary. It provides cross referencing...

... poor t handling are the only weaknesses in an otherwise excellent program. Includes three screen **displays** . (djd)



12/3,K/99 (Item 43 from file: 233)  
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00226128 90MU10-016

**Spyglass Transform and Spyglass View** Spyglass' first products let you analyze huge arrays of numbers by viewing them as pictures .

Hipschman, Ron

MacUser , October 1, 1990 , v6 n10 p72, 74, 2 Pages

ISSN: 0884-0997

...View Spyglass' first products let you analyze huge arrays of numbers by viewing them as pictures .

... Spyglass View (\$395), two data analysis tools from Spyglass, Champaign, IL (217). Both products produce graphic displays of large data sets. Spyglass Transform uses data in Hierarchical Data Format (HDF) files, but can also import **ASCII** files, Excel files converted to **ASCII** with a supplied macro, or data generated by FORTRAN or C routines. Data sets are manipulated using FORTRAN-style statements and **displayed** as color **graphics** in one of four formats. Spyglass View provides an **animated display** of strings of data sets to show how data changes over time or space. It...

... They are powerful tools for analyzing extremely large sets of numeric data. Includes three screen **displays** . (djd)

12/3,K/100 (Item 44 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00216781 90PW05-019

**Pro-strength data tools for novices**

Spector, Lincoln

PC World , May 1, 1990 , v8 n5 p94, 1 Pages

ISSN: 0737-8939

... of Report Writer can create queries and reports from Clarion, dBASE, DIF, or comma-delimited **ASCII** files. Reports generated using the program can be saved as a **text** file or previewed on-screen in a **scrollable display** . Professional Developer can be used to generate flat file applications. It supports up to 2GB...

12/3,K/101 (Item 45 from file: 233)  
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00213510 90IW03-207

**Oracle interface ties graphics to database**

Marshall, Martin

InfoWorld , March 19, 1990 , v12 n12 p5, 1 Pages

ISSN: 0199-6649

**Oracle interface ties graphics to database**

Reports that Oracle of Redwood Shores, CA (800) last week announced Oracle **Graphics** (\$1,400, single user; \$19,000, 64-user license), a user interface package that combines **graphics** and data from Oracle, Lotus 1-2-3, Microsoft Excel, and **ASCII text** databases. Runs on Sun-3 and Sun-4 workstations and DEC VAXstations. Says it is...

... 50 different types of charts with 60 different parameters in each; it allows for limited **animation** ; and it contains 12 drawing tools. Notes that versions will eventually be developed for SCO Xenix/Unix, DOS, and OS/2. Includes one screen **display** . (jb)

Descriptors: User Interface; **Graphics** ; Drawing

Identifiers: Oracle **Graphics** ; Oracle

12/3,K/102 (Item 46 from file: 233)  
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00210556 90IW02-137

**Alis integrated package gets a facelift Version 2.1 improves word processor, E-Mail, graphics, installation**

Marshall, Martin

InfoWorld, February 12, 1990, v12 n7 p42, 1 Pages

ISSN: 0199-6649

**Alis integrated package gets a facelift Version 2.1 improves word processor, E-Mail, graphics, installation**

... Inc. of Westboro, MA (508) will release Alis, Release 2.1 (\$1,945), an upgraded **graphical** integrated office automation package. New features include snaking columns, a tab mode, and a new thesaurus in the word processor; a quick **ASCII** editor for E-Mail; printer-dependent WYSIWYG page breaks; and simpler installation scripts. **Graphics** editing features and the ti management module have also been enhanced. Says it integrates **graphical** compound document processing with spreadsheet, E-Mail, time management, personal database, and **graphics** editing. **Run** Sun platforms, DEC Ultrix, SCO Xenix, and PC-DOS. Other platform versions will be shipped in the near future. Contains one screen **display**. (lj)

Descriptors: Integrated Software; Office Automation; **Graphics**; Upgrade

12/3,K/103 (Item 47 from file: 233)  
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00209188 90PI01-105

**Polymod2 provides low-cost means of sharing OS/2 applications**

Milligan, C G

PC Magazine, January 30, 1990, v9 n2 p43, 1 Pages

ISSN: 0888-8507

Presents a favorable review of PolyMod2 (\$1,600), a package providing support for 99 terminals **running** on an OS/2 host, from The Software Lifeline Inc., Boca Raton, FL (407). The...

...and IBM or Microsoft OS/2 1.0 or later. It supports up to 99 **ASCII** terminals or DOS-based PCs. The package is easy to install and easy to use ...

... degraded if more than eight active terminals are in use. It does not support full **graphics** mode, so it can be used only with character-mode applications. Says that currently, ``the...

...applications for organizations that want to forestall the cost of adding hardware.'' Includes one screen **display**. (djd)

12/3,K/104 (Item 48 from file: 233)  
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00208817 90IW01-441

**Describe, Version 1.0**

Lombardi, John

InfoWorld, January 29, 1990, v12 n5 p89-115, 19 Pages

ISSN: 0199-6649

... Inc., Sacramento, CA (916). The program requires an IBM PC AT, PS/2, or compatible **running** OS/2 Presentation Manager 1.1 or later, 3MB RAM, a 20MB hard disk. 4MB...

... exceedingly sparse.'' It offers only limited font support and supports only OS/2-compatible and **ASCII** file formats in addition to a limited number of **graphics** files. Overall score: 6.0. Includes two illustrations, six tables, 11 screen **displays** . (djd)

**12/3,K/105** (Item 49 from file: 233)  
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00208300 90BY01-005

**Simple and low-cost faxing at its best**  
Reinhard, Andrew  
BYTE , January 1, 1990 , v15 n1 p86, 88, 2 Pages  
ISSN: 0360-5280

...RAM, a hard disk with 1.5MB free, DOS 2.1 or higher, and a **graphics display** . The board is a half-length plug-in card which transmits and receives Group 3...

...bps. It is easy to install and transmits faxes directly from a hard disk in **ASCII** , TIFF, or PCX format. It receives faxes in the background, so its software does not need to be installed to receive, and faxes can be received while another application is **running** . Calls the software slow and inflexible, says file handling is clumsy and illogical, and some...

...the other hand, these are drawbacks I can live with for \$195.'' Includes one screen **display** . (djd)

**12/3,K/106** (Item 50 from file: 233)  
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00206422 89BY12-064

**Move over, PageMaker Publish It for the Mac brings new features to desktop publishing on the Mac**  
Gabaldon, Diana  
BYTE , December 1, 1989 , v14 n13 p217-220, 3 Pages  
ISSN: 0360-5280

**Move over, PageMaker Publish It for the Mac brings new features to desktop publishing on the...**

... support for \$100 per year; an ``unusual'' 90-day money-back guarantee, it imports any **ASCII** file from a word processor, includes a built-in word processor, thesaurus, spelling checker, a wrap around feature, built-in draw and paint facility, impressive color and texture menus, reasonable **graphics** and editing features, a good on-screen help system, an Undo feature, and provides use...

... masters and multiple document windows. Says ``Publish It! is quite a bargain.'' Contains one screen **display** . (lj)

**12/3,K/107** (Item 51 from file: 233)  
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00202804 89PI10-104

**AutoImport moves ASCII text into spreadsheet and database files**  
Miller, Rock  
PC Magazine , October 31, 1989 , v8 n18 p43, 1 Pages  
ISSN: 0888-8507

**AutoImport moves ASCII text into spreadsheet and database files**  
Presents a favorable review of AutoImport (\$169.95), **ASCII text** import software, from White Crane Systems Inc. of Norcross, GA (404). Requires 512K RAM, and...

...2.0 or later. Says it is an innovative program that makes it easy to **move** information from **ASCII text** reports to spreadsheet or database files. Notes that although a bit homely in its incidentals...

... offers options that are versatile enough to handle most problems on reports. Includes one screen **display** . (asl)

Descriptors: Data Transmission; Utility Program; Software Review;  
**ASCII**

**12/3,K/108 (Item 52 from file: 233)**

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00195016 89IW06-337

**Folio Views: managing monster text databases made easy**

Miller, Michael J

InfoWorld , June 26, 1989 , v11 n26 p72, 1 Pages

ISSN: 0199-6649

**Folio Views: managing monster text databases made easy**

FIRST LOOK column examines Folio Views (\$495), a **text** database manager from Folio Corp., Provo, UT (801). The program requires an IBM PC or...

... of Boolean operators and wild cards, although it does not support fuzzy searches. Data are **displayed** as ``views'' and deleting a view does not affect the database, which remains secure. It offers hypertext-style links which allow the user to rapidly **move** from one entry to a related entry, and has a file-compression feature. Says it is easy to learn and use, and is fast, although it import mostly straight **ASCII text** . Data entry would be facilitated if the program could ready word processing formats directly. (djd)

**12/3,K/109 (Item 53 from file: 233)**

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00194130 89PW06-002

**A HyperCard for the PC Apple's HyperCard has been cloned for the PC in the form of HyperPAD. Is programming for the rest of us finally at hand?**

Goodman, Danny

PC World , June 1, 1989 , v7 n6 p66-67, 2 Pages

ISSN: 0737-8939

... applications offers a straightforward scripting language which, unlike HyperTalk, includes CASE structures, Boolean operators, and **text** conversion functions. The program is character based and cannot produce **graphics** , but will **run** on any MS-DOS machine and requires only 384K of RAM. It also allows creation of DOS shells and interactive tutorials, and exports data in .DBF, **ASCII** , and .GX2 Show Partner formats. Includes one screen **display** . (djd)

**12/3,K/110 (Item 54 from file: 233)**

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00179236 88PR10-011

**Graphics and DTP GEMs**

Duffy, Louise

Practical Computing , October 1, 1988 , v11 n10 p16-18, 2 Pages

ISSN: 0141-5433

**Graphics and DTP GEMs**

... and Gem Desktop Publisher 2 (\$NA), information design and presentation programs from Digital Research. Both **run** on the IBM PC

family, PS/2 family and compatibles with at least 640K of RAM. Gem Artline is a **graphics** package designed for use with DTP programs. Requires 640K RAM with an additional 512K of...

...or EEMS memory for tracing function; hard disk; DOS 3.0 or higher; mouse or **graphic** sketchpad. Can be used as a standalone program, but is compatible with Ventura Publisher, Aldus...

... disk; mouse recommended. Says it is based on the principle of using rectangles; can import **ASCII** files from any source and word-processed files; uses style sheets; can incorporate **graphics** files; supports many printers; price reasonable. Contains four screen **displays** . (v1)

Descriptors: Presentation **Graphics** ; **Graphics** ; Desktop Publishing

12/3,K/111 (Item 55 from file: 233)  
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00176936 88PK09-331

**New version of Context offers LAN support**  
Morrissey, Jane  
PC Week , September 26, 1988 , v5 n39 p38

Announces a LAN version of Context, a **text** -retrieval software package from LatiCorp Inc., San Francisco, CA (415). It is priced at \$1,495 for 80286-based servers and \$2,995 for 80386-based servers **running** on Novell's Advanced NetWare or 3Com's 3+ network operating systems. Using the software, as many as 6 billion documents can be searched simultaneously. Files searched can be **ASCII** , C source code, Word, WordStar, or WordPerfect documents. Contains one screen **display** . (djd)

12/3,K/112 (Item 56 from file: 233)  
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00174962 88PK08-239

**Framework makes building applications easier**  
Harris, Grant B  
PC Week , August 15, 1988 , v5 n33 p57, 62, 2 Pages  
ISSN: 0740-1604

...includes E-mail and network support, outline organization capability, database management, word processing, spreadsheet, and **graphics** and telecommunications functions. The package allows other applications to be **run** as menu items, obviating the need to use DOS commands. It offers import/export of Wo Multimate, WordPerfect, DCA/ **DisplayWrite** , Multiplan SYLK, 1-2- DIF, and **ASCII** files. Rates the product "probably the best integrated package available for the PC." Contains one screen **display** . (djd)

12/3,K/113 (Item 57 from file: 233)  
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00163199 88PU02-007

**Charting a solo voyage**  
Strehlo, Kevin  
Publish! , Feb 1988 , v3 n2 p70-71, 2 Pages

Presents a mixed review of Microsoft Chart v. 3.0 (\$395), a presentation **graphics** package, from Microsoft Corp. of Redmond, WA (206). Requires 256K, DOS 2.1 or later, one disk drive, a **graphics** card, and runs on the IBM PC or compatible. States that it is a "capable..."

... used as hand-outs. Includes 49 customizable graph templates, allows

charts to overlaid, and allows **text** to be added to the graphs. Supports dot-matrix and laser printers, film recorders, and can import data from 1-2-3, Symphony, Multiplan, dBASE, R:base, and **ASCII**. Drawbacks include limited mouse useage, unintuitive menu commands, and difficulty in **moving** charts into a page makeup program. Includes one screen **display**. (tjm)  
Descriptors: PRESENTATION **GRAPHICS**; SOFTWARE REVIEW

12/3,K/114 (Item 58 from file: 233)  
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00153693 87PI10-243

**AskSAM**

Badgett, Tom

PC Magazine, Oct 27 1987, v6 n18 p178-184, 3 Pages

ISSN: 0745-2500

...904, 800). It requires 128K, DOS 2.0 or later, and one disk drive to **run** on an IBM PC or compatible. Says that it can support full- **text** and fielded data, can import **ASCII** files, can link records to create logical documents, makes accessing full- **text** data easy, has a powerful command mode coupled with menu support, and is fast, flexible, and inexpensive. It is the editor's choice. Includes one screen **display**. (lj)

12/3,K/115 (Item 59 from file: 233)  
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00151562 87CL09-005

**GraphicWriter**

Olds, Henry F

Classroom Computer Learning, Sep 1987, v8 n1 p20, 22, 24, 3 Pages

ISSN: 0746-4223

**GraphicWriter**

Presents a favorable review of **GraphicWriter** (\$119.96 for educators), a combination word processing and **graphics** program, from DataPak of Sherman Oaks, CA (818). Requires 512K, and runs on the Apple IIGS. Notes that it has pull-down menus, a **scroll** bar, and a mouse interface. Says that it provides WYSIWYG, easy reconfiguration of text, and full page **displays**. The **graphics** capabilities include the creation of black and white shapes which can be moved easily, the ability to set sections for **text** or drawings, and the ability to create a two-column page. Notes that it will import **ASCII** files created in ProDOS. Drawbacks include the word processor's slowness, documentation that is only...

... inability to delete a region after its been created, and difficulty in printing with an **ImageWriter** "connected to a super serial card." (tjm)

Descriptors: WORD PROCESSING; **GRAPHICS**; SOFTWARE REVIEW; EDUCATION

Identifiers: **GraphicWriter**; DataPak Software

12/3,K/116 (Item 60 from file: 233)  
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00149846 87PI08-067

**Sidekick**

Badgett, Tom

PC Magazine, Aug 1987, v6 n14 p242-246, 2 Pages

ISSN: 0745-2500

... with most software. Reports that SideKick allows the stacking of utilities with the ability to **move** forward or backward through them. SideKick includes Help, Notepad (with WordStar-style commands), Dialer (which can dial any number on the screen), Calculator (which supports

number conversion), **ASCII** -table, Set-up, and Exit. SideKick's Notepad can save a block as a **text** file and export it to a word processor. Includes one screen **display** .

12/3,K/117 (Item 61 from file: 233)  
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00146568 87PK06-444  
**PC-Fax communications system simple to use**  
Rosch, Winn L  
PC Week , Jun 30 1987 , v4 n26 pC11, 1 Pages  
ISSN: 0740-1604

... the monitor or printed out with a dot-matrix or laser printer. MicroFax can convert **ASCII text** files into fax format for transmitting. The primary advantage of MicroFax is that it will **run** in the background unattended while most other DOS applications are being performed. Reports that the **image** editing capability is limited. States that scanners or facsimile equipment would be necessary for paper input or output. Includes one screen **display** .

12/3,K/118 (Item 62 from file: 233)  
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00143912 87YM05-009  
**A quick comparison: Display any two Model 4 text files simultaneously and compare them line by line**  
Hawes, James L  
80 Micro , May 1987 , n88 p69-72, 74, 76, 5 Pages  
ISSN: 0744-7868

**A quick comparison: Display any two Model 4 text files simultaneously and compare them line by line**  
... a utility program designed for the Tandy Model 4 to allow the comparison of two **text** files simultaneously. Compare Plus will scan the programs and stop when there is a difference in the lines. Compare Plus will read any programming language that has been saved in **ASCII** .  
**Scrolling** is allowed forward or backward. A sidebar contains the ten command keys and their uses...

12/3,K/119 (Item 63 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2002 Info. Today Inc. All rts. reserv.

00138964 87IW03-210  
**Amazingly easy, fast graphics program displays 12 formats**  
Blair, John  
InfoWorld , Mar 16 1987 , v9 n11 p46-48, 3 Pages  
ISSN: 0199-6649

**Amazingly easy, fast graphics program displays 12 formats**  
Presents a favorable review of Stella v. 3.0 (\$199), a presentation **graphics** program, from Stella Systems Inc. of Cupertino, CA (408). Requires 370K, DOS 2.0 or...

... formats for charts and graphs, and will produce these from quickly from .SYLK, .DIF, and **ASCII** files. Includes a library of **symbols** that can be edited or added to with original creations. Says that it does not provide **animation** , slide shows, painting or drawing modules, or fonts, but it does offer very good performance...

...Card: vg-sa-vg-ex-ex-vg-vg. Overall Rating: 7.8. Includes one screen **display** . (tjm)

**12/3,K/120** (Item 64 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2002 Info. Today Inc. All rts. reserv.

00136865 87PI02-024  
**PFS: ClickArt personal publisher: Visions of things to come**  
Burns, Diane; Venit, S  
PC Magazine , Feb 10 1987 , v6 n3 p126, 128, 132, 3 Pages  
ISSN: 0745-2500

... basic program; \$79 for Laserjet option; \$79 for LaserWriter option; \$49.95 for font and **graphics** option packages), a page composition program for IBM PCs from Software Publishing Corp. of Mountain...

...CA (415). Requires 512K RAM, two disk drives, and DOS 2.0 or later to **run** . Says that this program is a good beginner's package, is flexible and allows you to import **ASCII** created **text** in word processing programs and format to a page **display** . States that it is simple, easy to learn and use and works well on the...

... overhead transparencies, short newsletters, flyers, and "informal documents with limited formatting requirements." Includes one screen **display** .

**12/3,K/121** (Item 65 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00134889 87IW01-041  
**5 page composition programs put to test**  
Thompson, Keith  
InfoWorld , Jan 05 1987 , v8 n52/v9 n1 p41-49, 7 Pages  
ISSN: 0199-6649

Reviews five page composition programs. Says that a page composition program "lets you place, size, **move** , and edit groups of **text** and **graphics** across multiple pages--and will show you, onscreen, exactly what that page will look like...

...use of the Macintosh interface, metaphor of an electronic drafting table, and ability to import **text** files; a favorable review of Ready-Set-Go v.3.0 (\$295) from Manhattan **Graphics** of Valhalla, NY for its **text** editor with word processing features, the new design of the product, and increased speed in...

... of Clickart Personal Publisher (\$185) from Software Publishing of Mountain View, CA for limitations regarding **ASCII text** transfer, an import file size of 5K, and slow screen update; and a favorable review...

...Hill, CA for its ability to handle very large documents, and its support of many **graphics** cards, mice, and printers. Includes five screen **displays** .

Identifiers: Pagemaker; Ready-Set-Go; Mac Publisher II; Clickart Personal Publisher; Ventura Publisher; Aldus; Manhattan **Graphics** ; Letraset; Software Publishing; Ventura Software; Macintosh; IBM PC

**12/3,K/122** (Item 66 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00132792 86PK11-213  
**Industry standard emerges in presentation- graphics field:**  
**Perspective's** ease of use, fast drawing speed, numerous features move it to head of class



Ray, Garry  
PC Week , Nov 18 1986 , v3 n46 p99+, 3 Pages  
ISSN: 0740-1604

**Industry standard emerges in presentation- graphics field: Perspective's ease of use, fast drawing speed, numerous features move it to head of class**

A very favorable review of Perspective (\$295), a presentation **graphics** package from 3 D **Graphics** of Pacific Palisades, CA (213). It requires 512K RAM, DOS 2.0 or later, and an IBM EGA or Hercules Monochrome **Graphics** adapter to **run** on an IBM PC. Says that it is an exciting, well-engineered, and thoroughly usable...

... it has a very simple user interface, fast drawing speed, can read DIF, SYLK, and **ASCII** data, and produce 15 2-D chart types and 32 3-D charts. Support for hi-res printer output should be available with the next revision. Includes two screen **displays** .

Descriptors: PRESENTATION **GRAPHICS** ; THREE-DIMENSIONAL **GRAPHICS** ; SOFTWARE REVIEW

Identifiers: Perspective; 3D **Graphics** ; IBM PC

12/3,K/123 (Item 67 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2002 Info. Today Inc. All rts. reserv.

00128926 86PI09-011

**Formatting program code and beyond: Aldebaran Labs' Source Print**  
Puglia, Vincent  
PC Magazine , Sep 16 1986 , v5 n15 p63-64, 2 Pages  
ISSN: 0745-2500

... for IBM PCs that supports Pascal, Modula-2, dBASE, BASIC, and C, as well as **ASCII** **text** . The reviewer liked Source Print for its structure-outlining feature, its ability to selectively extract...

... missing keywords. Notes that it requires 192K RAM and DOS 2.0 or later to **run** . Includes one screen **display** .

12/3,K/124 (Item 68 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00097573 84BY10-026

**FidoNet, Sidekick, Apple, Get Organized!, and Handle: Homebrew electronic mail, some integrated software, and other tidbits**  
Markoff, John; Shapiro, Ezra  
BYTE , Oct 1984 , v9 n11 p357-364, 5 Pages  
ISSN: 0360-5280

... the IBM Personal Computer, from Borland International. Notes that it includes a WordStar-like notepad **text** editor, a memory calculator that works in decimal, hexadecimal, or binary notation, a 200-year...

... phone numbers to any modem that accepts Hayes commands, and a table of full 256 **ASCII** characters used by the PC. Reports on rumors of activities at Apple Computer Inc. Mentions...

... processing point of view. Announces the Handle integrated software products from Handle Corp. that will **run** on the AT&T system 5 UNIX operating system. Mentions the Model 305 television tuner...

Descriptors: Computer Bulletin Board Systems; Integrated Software; Electronic Mail; Corporate Information; Television; Conversions; Color **Display**

12/3,K/125 (Item 69 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2002 Info. Today Inc. All rts. reserv.

00096879 8435879

**HILISTER - a study and teaching aid (Part 1)**

Prosser, J. Morris

Micro: The 6502/6809 Journal , Jul 1984 , n73 p34-37, 4 Pages

ISSN: 0271-9002

... either Applesoft or the monitor to invert one line at a time on the screen **display** , thus 'highlighting' that line. Says that it can also list an Applesoft program, a block of disassembled memory locations, or a disk catalog (in both hex and **ASCII** ) and gives the user the ability to **move** around the **displayed text** .

12/3,K/126 (Item 1 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00162305 Pira Acc. Num.: 7658996 Pira Abstract Numbers: 05-87-01809

**Title: PRESENTATION SOFTWARE CHOICE GROWS**

Authors: Anon

Source: Pract. Comput. vol. 10, no. 7, July 1987, p. 14

ISSN: 0141-5433

Publication Year: 1987

Document Type: Journal Article

Language: English

Abstract: Three strong presentation **graphics** are about to be launched. A new version of Harvard Presentation **Graphics** called Harvard **Graphics** , from Software Publishing Europe, includes a **symbol** library, an improved free- **running** carousel-type **display** , more chart types and three-dimensional effects. Boeing Co., jointly with Three-D **Graphics** , have developed Boeing Graph, a colour version of Perspective. **Images** can be rotated and zoomed along any axis. New features include more chart types and support for more printers and file formats. With VP- **Graphics** from Newstar Software it is possible to import **ASCII** , Pic or DIF files from elsewhere or enter data directly into the package. Along with a wide range of data-driven chart types, VP- **Graphics** has a large selection of drawing tools. (Short article)

...Company Names: THREE-D **GRAPHICS**

...Trade Names: HARVARD **GRAPHICS** ; ...

...VP- **GRAPHICS**

Descriptors: **ASCII** ; ...

... **DISPLAY** ; ...

...FREE- **RUNNING** ; ...

... **GRAPHICS** ; ...

... **IMAGE** ; ...

... **SYMBOL** ;

Section Headings: **Image** Processing (5063)

12/3,K/127 (Item 2 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00161132 Pira Acc. Num.: 7623883 Pira Abstract Numbers: 02-87-02252

**Title: PAGE COMPOSITION SYSTEM DESIGNED FOR THE IN-PLANT MARKET**

Authors: Anon

Source: Gr. Arts Mon. vol. 59, no. 6, June 1987, p. 42

ISSN: 0017-3312

Publication Year: 1987  
Document Type: Journal Article  
Language: English

...Abstract: interactive technical illustration and preview and electronic cut-and-paste. It is able to accept **ASCII text** files from most PC-based word processors, compose these files, produce business forms and form letters with changing data fields, interpret IGES and other standard **graphics** data exchange formats, **display** multiple pages simultaneously, merge illustrations, **symbols** and **logos** from **graphics** libraries and drive Autologic APS-5 and Micro-5 typesetters as well as Postscript compatible devices. It has recently been added to the new Compaq 386 personal computer **running** the Xenix multi-tasking operating software.  
Descriptors: **ASCII** ; ...

... **DISPLAY** ; ...  
... **GRAPHICS** ; ...  
  
... **LOGO** ; ...  
  
... **RUNNING** ; ...  
  
... **SYMBOL** ; ...  
  
... **TEXT** ;

12/3,K/128 (Item 3 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00133180 Pira Acc. Num.: 6353338 Pira Abstract Numbers: 05-85-01610

**Title: LASERS, OFFICE PUBLISHING, AND MORE**

Authors: Markoff J; Robinson P

Source: Byte vol. 10, no. 4, Apr. 1985, pp 379-382, 384

ISSN: 0360-5280

Publication Year: 1985

Document Type: Journal Article

Language: English

...Abstract: printer engine and the Sun Microsystems workstation. Both systems support the creation and combination of **text** and **graphics** and high-quality printing on a laser printer. They share the same basic hardware package: the Interleaf shell **run** under Berkeley 4.2 UNIX; an optical mouse controlling most of the work on a...

... RAM and ROM and a 42 megabyte hard disc. Options include a scanner and scanned- **image** editing and digital-typesetter interface. Both systems accept most **ASCII** files, the OPS-2000 also accepting a communications program. The OPS-2000 differentiates between different types of **graphics** , includes clip **art** and a wish book and uses the same cut-and-paste scheme as the Macintosh...

... however been developed by M Lehman. Written in Mac C, it offers a standard Macintosh **display** but is **text** -oriented rather than **graphics** or **icon** -oriented. It includes a series of UNIX-like utilities, which can be used without leaving...

Descriptors: **ART** ; ...

... **ASCII** ; ...  
  
... **DISPLAY** ; ...  
  
... **GRAPHICS** ; ...  
  
... **RUN** ; ...  
  
... **TEXT** ;  
?

File 344:CHINESE PATENTS ABS APR 1985-2001/Oct  
 (c) 2001 EUROPEAN PATENT OFFICE  
 File 347:JAPIO OCT 1976-2001/Aug(UPDATED 011203)  
 (c) 2001 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2001/UD,UM &UP=200176  
 (c) 2001 Derwent Info Ltd

Set	Items	Description
S1	1196960	LOGO? OR GRAPHIC? OR LABEL???? OR TRADEMARK? OR TRADE()MAR- K? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENT- IFIER? OR PICTOGRAM? OR GLYPH? OR INSIGNIA?
S2	4170	IDEOGRAM? OR IDEOGRAPH? OR PICTORIAL
S3	339891	TEXT? OR WORD?
S4	816694	DISPLAY?
S5	12688	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN?)
S6	2364	S4(3N)INCORPORAT?
S7	10826	S1-S2(5N)S3
S8	127	S7 AND S5-S6
S9	107	S7 AND S5
S10	19293	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC?(1W)DISPLAY?
S11	3024	S1(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECUR- ITIES OR INVESTMENT?)
S12	3	S8 AND S10
S13	0	S8 AND S11

?t12/9/all

12/9/1 (Item 1 from file: 347)  
 DIALOG(R)File 347:JAPIO  
 (c) 2001 JPO & JAPIO. All rts. reserv.

06293838 \*\*Image available\*\*  
 PACHINKO MACHINE

PUB. NO.: 11-235430 [JP 11235430 A]  
 PUBLISHED: August 31, 1999 (19990831)  
 INVENTOR(s): NAGATA SATOSHI  
 YAMASHITA KOJI  
 OGASAWARA MASAHIITO  
 APPLICANT(s): OKUMURA YUKI KK  
 APPL. NO.: 10-038689 [JP 9838689]  
 FILED: February 20, 1998 (19980220)  
 INTL CLASS: A63F-007/02

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide various kinds of displays for a big win by a method wherein a game region is equipped with patterns of characters, and at the same time, a specified configuration of varied patterns includes words to express the characters.

SOLUTION: In a display region where a varied pattern becomes a 'big win', a background image is **displayed together** with the motion pose of an image character at a normal **scroll** speed in such a manner that the background image may move from the left to the right. Then, when a ball enters a first kind starting port, the rotation of lateral three rows of variable patterns is displayed at the approx. center of the display region, and after a specified period of time, the variable patterns for a left pattern 49 and a right pattern 51 are stopped in order, and an 'almost winning' mode including **words** is displayed, and the background **image** and the image of Kato-cha (Kato-tea), which is the character, are displayed by a high speed **scroll**, and a situation wherein the character, Kato-cha is running through a shopping street is displayed. By this method, various kinds of expressions for a big win can be obtained.

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12/9/2 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO  
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05394406      **\*\*Image available\*\***  
METHOD FOR BI-DIRECTIONALLY LINKING VIDEO DYNAMIC. **IMAGE** AND **TEXT**

PUB. NO.:        09-009206 [JP 9009206 A]  
PUBLISHED:      January 10, 1997 (19970110)  
INVENTOR(s):    WASHISAKA KOUICHI  
                 TAKADA TOSHIHIRO  
                 ONOUCHI RIKIO  
APPLICANT(s):   NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese  
                 Company or Corporation), JP (Japan)  
APPL. NO.:      07-151229 [JP 95151229]  
FILED:          June 19, 1995 (19950619)  
INTL CLASS:     [6] H04N-005/93  
JAPIO CLASS:    44.6 (COMMUNICATION -- Television)

#### ABSTRACT

PURPOSE: To recognize in which scene of video dynamic **images** and in which **text** part events relating to individual objects displayed inside a display screen are generated.

CONSTITUTION: A reproduction/ **display** controller 40 **incorporates** a control chart 42 composed of areas within the reproducing images of the video dynamic images and the time code list of event generation time relating to the areas for the respective time sections of time codes. When the video **dynamic image display** screen of a display device 20 is clicked, the controller 40 finds the time code list of the area corresponding to a clicked coordinate from the control chart 42, drives a video reproducing device 10, updates the video **dynamic image display** screen, reads the **text** part where the time code is embedded from a storage device 30 and updates a text display screen.

12/9/3        (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

012041430      **\*\*Image available\*\***  
WPI Acc No: 1998-458340/199840  
XRPX Acc No: N98-357844

**Visual display of electronic text and pictures - has two display panels hinged together and used as a book with page information on each one**

Patent Assignee: ECKERLEIN A R (ECKE-I)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29805418	U1	19980827	DE 98U2005418	U	19980325	199840 B

Priority Applications (No Type Date): DE 98U2005418 U 19980325  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 29805418	U1		14	G06F-003/14	

Abstract (Basic): DE 29805418 U

The visual display consists of two display panels [3, 4] that are hinged together [5] such that when in use can be positioned to suit the user in the manner of a book. When not in use the unit can be closed with the screens face to face. Each unit has operator keys [6-9] that allow fast sideways **scrolling** of **text** and **graphics** in the way a book would be used.

USE - Display of electronic **text**, **pictures** and **graphics**.

ADVANTAGE - Can be used as an electronic book.

Dwg.1/3

Title Terms: VISUAL; DISPLAY; ELECTRONIC; TEXT; PICTURE; TWO; DISPLAY; PANEL; HINGE; BOOK; PAGE; INFORMATION; ONE

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/14

File Segment: EPI

Manual Codes (EPI/S-X): T01-C04; T01-L02; T04-H03B

?

Set	Items	Description
S1	1196960	LOGO? OR GRAPHIC? OR LABEL???? OR TRADEMARK? OR TRADE()MAR-K? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICTOGRAM? OR GLYPH? OR INSIGNIA?
S2	4170	IDEOGRAM? OR IDEOGRAPH? OR PICTORIAL
S3	339891	TEXT? OR WORD?
S4	816694	DISPLAY?
S5	12688	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN?)
S6	2364	S4(3N)INCORPORAT?
S7	10826	S1-S2(5N)S3
S8	127	S7 AND S5-S6
S9	107	S7 AND S5
S10	19293	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV-?) OR DYNAMIC?(1W)DISPLAY?
S11	3024	S1(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECURITIES OR INVESTMENT?)
S12	3	S8 AND S10
S13	0	S8 AND S11
S14	7	S11 AND S1-S2(10N)S3(5N)S4
S15	7	S14 NOT S12

15/9/1 (Item 1 from file: 344)  
DIALOG(R)File 344:CHINESE PATENTS ABS  
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4232575

# **TERMINAL COMMUNICATION METHOD AND DEVICE BASED ON TELEPHONE LINE**

Patent Assignee: JINMENQIAO COMPUTER NETWORK CO (CN)  
Author (Inventor): YIHUI DENG (CN); ANMIN CHEN (CN)  
Number of Patents: 000  
Patent Family:

CC	Number	Kind	Date
CN	1262576	A	20000809 (Basic)

## Application Data:

CC	Number	Kind	Date
*CN	99101454	A	19990129

Abstract: A terminal communication method based on telephone line features that the input codes and/or prestored codes are transmitted through telephone line, the signals received from telephone line are stored, and the received data is processed and displayed in character or graphics mode. With said method and equipment, bidirectional data communication can be realized to provide speech words and graphicsto users with high efficiency. Such jobs as hook-up,outgoing, signal sound detection, etc can be automatically performed. The dynamic trade, storage and graphic-character display can also be completed automatically.

IPC: H04M-011/00

15/9/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013963257 \*\*Image available\*\*  
WPI Acc No: 2001-447471/200148  
XRPX Acc No: N01-331116

# **Image comparison device for verifying record book, facilitates operator to define image area for comparison and compares defined area**

Patent Assignee: TOSHIBA KK (TOKE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001155168	A	20010608	JP 99340494	A	19991130	200148 B

Priority Applications (No Type Date): JP 99340494 A 19991130

## Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001155168	A	7	G06T-007/20	

Abstract (Basic): JP 2001155168 A

NOVELTY - Image comparison device facilitates the operator to define the image area which is to be compared and compares only image area that operator defines.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for image comparison procedure.

USE - **Image** comparison device for verifying record books, alterations in documents, **bonds**.

ADVANTAGE - As the operator is made to define area to be compared, easier recognition of alteration is enabled and hence time for comparison process is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the operation screen **displayed** by **image** comparison device. (Drawing includes non-English language **text**).

pp; 7 DwgNo 2/5

Title Terms: IMAGE; COMPARE; DEVICE; VERIFICATION; RECORD; BOOK; FACILITATE ; OPERATE; DEFINE; IMAGE; AREA; COMPARE; COMPARE; DEFINE; AREA

Derwent Class: T01

International Patent Class (Main): G06T-007/20

International Patent Class (Additional): G06F-003/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J10B2; T01-J10C4

15/9/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013654821

WPI Acc No: 2001-139033/200115

XRPX Acc No: N01-101207

**Terminal communication method and device based on telephone line**

Patent Assignee: JINMENQIAO COMPUTER NETWORK CO LTD SHENZ (JINM-N)

Inventor: CHEN A; DENG Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1262576	A	20000809	CN 99101454	A	19990129	200115 B

Priority Applications (No Type Date): CN 99101454 A 19990129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1262576	A		H04M-011/00	

Abstract (Basic): CN 1262576 A

NOVELTY - A terminal communication method based on telephone line features that the input codes and/or prestored codes are transmitted through telephone line, the signals received from telephone line are stored, and the received data is processed and **displayed** in character or **graphics** mode. With said method and equipment, bidirectional data communication can be realized to provide speech **words** and **graphics** to users with high efficiency. Such jobs as hook-up, outgoing, signal sound detection, etc can be automatically performed. The dynamic **trade**, storage and **graphic** -character display can also be completed automatically.

DwgNo 0/0

Title Terms: TERMINAL; COMMUNICATE; METHOD; DEVICE; BASED; TELEPHONE; LINE

Derwent Class: W01

International Patent Class (Main): H04M-011/00

File Segment: EPI

Manual Codes (EPI/S-X): W01-C05

15/9/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013606629     \*\*Image available\*\*  
WPI Acc No: 2001-090837/200110  
XRPX Acc No: N01-068850

**Computer based text processor enables user to select between non-standard texts according to degree to which each non-standard text incorporates clues to identity of spoken words**

Patent Assignee: O'CONNOR M K (OCON-I)

Inventor: O'CONNOR M K

Number of Countries: 092    Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200060560	A1	20001012	WO 2000AU286	A	20000405	200110    B
AU 200035442	A	20001023	AU 200035442	A	20000405	200110

Priority Applications (No Type Date): AU 999604 A 19990405

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200060560	A1	E	75 G09B-017/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200035442	A		G09B-017/00	Based on patent WO 200060560
--------------	---	--	-------------	------------------------------

Abstract (Basic): WO 200060560 A1

NOVELTY - The text processor enables a user to select between a non-standard texts that differ from one another according to the degree to which each non-standard text incorporates clues to the identity of spoken words that correspond to the word shapes of the non-standard text.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a system for visually depicting the text of an alphabetically written natural language;
- (b) a method of converting standard text in an alphabetically written natural language into enriched text;
- (c) a method of displaying the text of an alphabetically written natural languages with additional phonetic information;
- (d) a display option which represents the phonemes or allophones of a given spoken performance of a text;
- (e) a method of modifying display options;
- (f) a method of representing printed texts of an alphabetically written language;
- (g) a teaching method to assists user in learning to read unfamiliar writing systems;
- (h) a text morphing method;
- (i) a method for using the system for visually depicting the text of an alphabetically written natural language;
- (j) a teaching method for logographic writing systems;
- (k) a teaching method for native speaking children in languages that have limited numbers of syllables;
- (l) and a writing system that reduces ambiguities in text.

USE - Used for facilitating user familiarization with the word shapes of the standard text of a language. Used for teaching of writing and pronunciation to people learning new languages. For improving writing skills and comprehension of native speakers.

ADVANTAGE - Facilitates user familiarization with the word shapes of the standard text of a language. Enables readers to move between display options or levels with relatively little **investment** in learning time. Enables automatic computerized conversion between alphabetic and **pictographic** or **logographic** writing. Enables a user to greatly helped in learning to read **text** in alternative writing systems by the computer **graphic** process of gradual progressive mutation on a **display** screen of the visual **image** of a given **word** . Enables users or readers who receive the test to rapidly **display** the **text** with the degree of phonetic annotation they prefer. Enables

rapidly switching the screen display between two or more writing systems.

DESCRIPTION OF DRAWING(S) - The figure shows the tabulation illustrating how the same piece of enriched text can be represented in a graduated set of seven display options, each successive option providing an increased amount of phonetic information using the phonetic letter variants.

pp; 75 DwgNo 5/15

Title Terms: COMPUTER; BASED; TEXT; PROCESSOR; ENABLE; USER; SELECT; NON; STANDARD; TEXT; ACCORD; DEGREE; NON; STANDARD; TEXT; INCORPORATE; IDENTIFY; SPEAKER; WORD

Derwent Class: P85; T01

International Patent Class (Main): G09B-017/00

International Patent Class (Additional): G06F-017/21; G09B-019/06

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-J10C3; T01-J11A1

15/9/5 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012336432 \*\*Image available\*\*

WPI Acc No: 1999-142539/199912

XRFX Acc No: N00-126313

**Mouthguard with visible insignia - has marking in contrasting colour on surface of, or embedded in, front surface of mouthguard**

Patent Assignee: SPOTTISWOODE R (SPOT-I)

Inventor: SPOTTISWOODE R

Number of Countries: 082 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9904722	A1	19990204	WO 98NZ109	A	19980722	199912 B
AU 9886528	A	19990216	AU 9886528	A	19980722	199926
NZ 328403	A	20000128	NZ 328403	A	19970723	200015
GB 2341785	A	20000329	WO 98NZ109	A	19980722	200019
			GB 20001590	A	20000121	
US 6321752	B1	20011127	WO 98NZ109	A	19980722	200175
			US 2000463305	A	20000315	

Priority Applications (No Type Date): NZ 328403 A 19970723

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9904722 A1 E 13 A61C-005/14

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9886528 A Based on patent WO 9904722

NZ 328403 A 1 A63B-071/08

GB 2341785 A A61C-005/14 Based on patent WO 9904722

US 6321752 B1 A61C-005/14 Based on patent WO 9904722

Abstract (Basic): WO 9904722 A

NOVELTY - An indentation (11) made in the front surface (13) of the mouthguard (10) is filled with a similar material of contrasting colour (12). The indentation can be made either while the mouthguard material is in its initial sheet form, or while in the softened state used when moulding it to the wearer's mouth. Alternatively, a marking can be stencilled onto the front of the mouthguard.

USE - For displaying a logo, word, trade mark or other insignia which will normally be visible when the mouthguard is being worn.

ADVANTAGE - The mouthguard can carry visible markings for advertising purposes, or to inform consumer choice. DESCRIPTION OF DRAWING(S) - The drawing shows a front perspective view of the

mouthguard. (10) Mouthguard; (11) indentation; (12) Infill material of contrasting colour; (13) Front surface of mouthguard.

Dwg.1/2

Title Terms: VISIBLE; INSIGNIA; MARK; CONTRAST; COLOUR; SURFACE; EMBED; FRONT; SURFACE

Derwent Class: P32; P36; P85

International Patent Class (Main): A61C-005/14; A63B-071/08

International Patent Class (Additional): A63B-071/00; G09F-023/00

File Segment: EngPI

15/9/6 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012140877 \*\*Image available\*\*

WPI Acc No: 1998-557789/199847

XRFX Acc No: N98-434774

Video wall for displaying financial trading information - comprises a number of visual display units arranged to form a video wall for dynamically displaying graphic identifiers, such as corporate logos, to identify financial trading information

Patent Assignee: NASDAQ STOCK MARKET INC (NASD-N)

Inventor: APPLE T; FOOTEN J; KLEIN A; NOBLE P

Number of Countries: 076 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9845830	A1	19981015	WO 97US5640	A	19970404	199847 B
AU 9726079	A	19981030	AU 9726079	A	19970404	199911
			WO 97US5640	A	19970404	
EP 972279	A1	20000119	EP 97917866	A	19970404	200009
			WO 97US5640	A	19970404	
CN 1251676	A	20000426	CN 97182104	A	19970404	200036
			WO 97US5640	A	19970404	
BR 9714681	A	20000725	BR 9714681	A	19970404	200043
			WO 97US5640	A	19970404	
SK 9901347	A3	20000814	WO 97US5640	A	19970404	200051
			SK 991347	A	19970404	
MX 9909011	A1	20000601	MX 999011	A	19991001	200133

*Applicant*

Priority Applications (No Type Date): WO 97US5640 A 19970404

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9845830 A1 82 G09F-027/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9726079 A G09F-027/00 Based on patent WO 9845830

EP 972279 A1 E G09F-027/00 Based on patent WO 9845830

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU MC NL PT SE SI

CN 1251676 A G09F-027/00

BR 9714681 A G09F-027/00 Based on patent WO 9845830

SK 9901347 A3 G09F-027/00

MX 9909011 A1 G09F-027/00

Abstract (Basic): WO 9845830 A

A video wall, comprising a number of visual **display** units, is used to dynamically **display** financial **trading** information (200). **Graphic identifiers**, such as corporate **logos**, are used to identify the financial data, instead of using the abbreviated **text identifiers** of the conventional ticker **display** format. When the financial markets are closed, this moving **display** area can be used to scroll market facts and other messages.

Other display areas of the video wall can be used to show videos of

company profiles, interactive display elements, **graphics** showing activity in a main market, information about groups of **securities**, and a live commentary about recent market activity.

ADVANTAGE - Easy to understand, due to the use of graphic identifiers instead of abbreviated text identifiers.

Dwg.2/47

Title Terms: VIDEO; WALL; DISPLAY; FINANCIAL; TRADE; INFORMATION; COMPRISE; NUMBER; VISUAL; DISPLAY; UNIT; ARRANGE; FORM; VIDEO; WALL; DYNAMIC; DISPLAY; GRAPHIC; IDENTIFY; IDENTIFY; FINANCIAL; TRADE; INFORMATION

Derwent Class: P85; T01; T04; W05

International Patent Class (Main): G09F-027/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-C04D; T01-J05A1; T04-H03B; W05-E05C

15/9/7 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010338228 \*\*Image available\*\*

WPI Acc No: 1995-240316/199531

XRPX Acc No: N95-187440

**Maintaining record of set-creating activities and associated sets - creating text record of set-creating search queries and associated search result sets, creating and displaying button icons for each query separate from text record, to indicate hierarchical relationship within search queries**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: KAHL D J; KING C D; LEE R E; STANNERS S; TORRES R J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5428735	A	19950627	US 92997397	A	19921228	199531 B

Priority Applications (No Type Date): US 92997397 A 19921228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5428735	A		18	G06F-017/30	

Abstract (Basic): US 5428735 A

A record of set-creating data processing activities and associated data sets is maintained by creating and displaying visual representations, one for each of the set-creating activities, and arranging the visual representations to indicate a hierarchical relationship within the set-creating activities.

The visual representations may be used to select for viewing a particular one of either the set-creating activities or the associated data sets, and displaying them on the data processing system. The display may correspond to a duration of an operator input activity, or to a time interval defined by an initiating operator input at a terminating operator input.

The method requires the arrangement of the visual representations in a hierarchy which corresponds to set-creation chronology.

USE - E.g. for searching databases contg. books in print by standard book numbers, or periodicals, products or companies by **stock exchange identifiers**. Efficiently maintains record of set-creating processing activities.

Dwg.2a/4

Title Terms: MAINTAIN; RECORD; SET; ACTIVE; ASSOCIATE; SET; TEXT; RECORD; SET; SEARCH; QUERY; ASSOCIATE; SEARCH; RESULT; SET; DISPLAY; BUTTON; QUERY; SEPARATE; TEXT; RECORD; INDICATE; HIERARCHY; RELATED; SEARCH; QUERY

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-J05B3; T01-J12D

?

Set	Items	Description
S1	1196960	LOGO? OR GRAPHIC? OR LABEL???? OR TRADEMARK? OR TRADE()MAR- K? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENT- IFIER? OR PICTOGRAM? OR GLYPH? OR INSIGNIA?
S2	4170	IDEOGRAM? OR IDEOGRAPH? OR PICTORIAL
S3	339891	TEXT? OR WORD?
S4	816694	DISPLAY?
S5	12688	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN?)
S6	2364	S4(3N)INCORPORAT?
S7	10826	S1-S2(5N)S3
S8	127	S7 AND S5-S6
S9	107	S7 AND S5
S10	19293	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC?(1W)DISPLAY?
S11	3024	S1(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECUR- ITIES OR INVESTMENT?)
S12	3	S8 AND S10
S13	0	S8 AND S11
S14	7	S11 AND S1-S2(10N)S3(5N)S4
S15	7	S14 NOT S12
S16	1627	IC="G09F-027"
S17	1806	MC="T01-C04D"
S18	8367	MC="T01-J05A1"
S19	9186	MC="T04-H03B"
S20	790	MC="W05-E05C"
S21	8	S8 AND S16-S20
S22	7	S21 NOT (S12 OR S15)

?t22/9/all

22/9/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013607917 \*\*Image available\*\*  
WPI Acc No: 2001-092125/200111  
XRPX Acc No: N01-069797

**Apparatus for anti aliasing textured bumps in textured bump map in  
dynamic model image display has specular height integrator that  
integrates specular highlight of textured bump by generating integration  
values for highlights**

Patent Assignee: EVANS & SUTHERLAND COMPUTER CO (EVAN-N)  
Inventor: COSMAN M A; COSMAN M  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2301293	A1	20000918	CA 2301293	A	20000316	200111 B
GB 2353453	A	20010221	GB 20005513	A	20000309	200112

Priority Applications (No Type Date): US 99271588 A 19990318

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2301293	A1	E	51	G06T-015/00	
GB 2353453	A			G06T-015/20	

Abstract (Basic): CA 2301293 A1

NOVELTY - A bump curvature calculator (46) calculates curvature values from texel tilt values by determining the largest absolute difference between the texel's tilt values and the neighboring texel tilt values. A specular height integrator (50) integrates the specular highlight of a textured bump by generating integration values for the highlights across the pixel based on the bump curvature values for creating a uniform anti-aliased highlight.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for:

(a) a method of anti-aliasing textured bump map in a dynamic model image display system

USE - In computer graphics displays for anti-aliasing of specular highlights on bump mapped **textures** in a computer **graphics** display.

ADVANTAGE - Yields a realistic image with proper specular

highlights but does not increase the hardware needed or require intensive calculations for the anti-aliasing process.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram illustrating one embodiment of the highlight integrator system constructed according to the present invention. a method of anti-aliasing textured bump map in a dynamic model image display system. bump curvature calculator (46) specular height integrator (50) pp; 51 DwgNo 9/15

Title Terms: APPARATUS; ANTI; ALIASING; TEXTURE; BUMP; TEXTURE; BUMP; MAP; DYNAMIC; MODEL; IMAGE; DISPLAY; SPECULAR; HEIGHT; INTEGRATE; INTEGRATE; SPECULAR; HIGHLIGHT; TEXTURE; BUMP; GENERATE; INTEGRATE; VALUE; HIGHLIGHT  
Derwent Class: T01  
International Patent Class (Main): G06T-015/00; G06T-015/20  
International Patent Class (Additional): G06T-015/50  
File Segment: EPI  
Manual Codes (EPI/S-X): T01-C04D ; T01-J10B1

22/9/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012164126

WPI Acc No: 1998-581038/199849

XRPX Acc No: N98-452640

**Re-sizeable pushbuttons for computers - uses combination of graphic display and character representation**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 414079	A	19981010	RD 98414079	A	19980920	199849 B

Priority Applications (No Type Date): RD 98414079 A 19980920

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RD 414079	A		2	G06F-000/00	

Abstract (Basic): RD 414079 A

The pushbutton arrangement for the short cut buttons on a computer utilises a standard image icon for the application, in tandem with a character set representing a shortened identity of the option.

The application button is re-sizeable and can be adjusted to permit full text or shortened character details. The **text** assigned to each **graphic** may be customised allowing user manipulation.

ADVANTAGE - Buttons are friendlier and have greater clarity, without using too much screen space.

Dwg.0

Title Terms: PUSHBUTTON; COMPUTER; COMBINATION; GRAPHIC; DISPLAY; CHARACTER ; REPRESENT

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-C04D ; T01-F05G5; T01-J12B1; T01-J12D

22/9/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011659701 \*\*Image available\*\*

WPI Acc No: 1998-076609/199807

XRPX Acc No: N98-061267

**Universal display with array of light control units - increases density of light control units to reduce number of gray levels each light control unit presents without reducing perceived image quality**

Patent Assignee: XEROX CORP (XERO )

Inventor: BRUCE R H; DACOSTA V M; FISKE T G; LEWIS A G; MARTIN R A;  
SILVERSTEIN L D; STEEMERS H L; THOMPSON M J; TURNER W D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5703621	A	19971230	US 94235015	A	19940428	199807 B
			US 96679168	A	19960712	

Priority Applications (No Type Date): US 94235015 A 19940428; US 96679168 A 19960712

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5703621	A	27	G09G-005/10	Cont of application US 94235015

Abstract (Basic): US 5703621 A

The display image input circuitry (12) provides data indicating three or more colours. The display is a LCD display e.g. active matrix LCD with an array (22) of orthogonal light control units (30,32). Each unit receives a signal and responds by presenting an image segment with one of a set of colours. The light control units have a density of greater than 100/cm.

The processing circuitry (14) provides data defining output images to the signal circuitry (20). The input image data defines an input image of three or more colours. The output image is a version of the input image, including a colour data item that indicates one of the light control unit's set of colours, of fewer colours than the input image. The signal circuitry responds to the output image data and provides signals to change the light control units between a maximum intensity and a minimum intensity.

USE - For high fidelity display of graphical, text, gray-scale, natural and video images on same display concurrently, in sequence, combined concurrent and sequential presentation, for computer displays and televisions.

ADVANTAGE - Artifacts not noticeable when array directly viewed, simple circuitry as only drive each light control unit at small number of saturation states.

Dwg.1/11

Title Terms: UNIVERSAL; DISPLAY; ARRAY; LIGHT; CONTROL; UNIT; INCREASE; DENSITY; LIGHT; CONTROL; UNIT; REDUCE; NUMBER; GRAY; LEVEL; LIGHT; CONTROL; UNIT; PRESENT; REDUCE; PERCEPTION; IMAGE; QUALITY

Derwent Class: P85; T04; W03; W05

International Patent Class (Main): G09G-005/10

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T04-H03B ; T04-H03C2A; W03-A08B; W05-E05C

22/9/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011215296 \*\*Image available\*\*

WPI Acc No: 1997-193221/199717

Related WPI Acc No: 1997-193105; 1997-193213; 1997-193214; 1997-193215; 1997-193216; 1997-193217; 1997-193218; 1997-193219; 1997-193220; 1997-193222; 1997-193224; 1997-193225; 1997-193226; 1997-193227; 1997-193228; 1997-193229; 1997-193230; 1997-193231; 1997-193233; 1997-193234

XRPX Acc No: N97-159579

Visual display notice board apparatus incorporating panel-form acoustic radiating loudspeaker - has stand supporting distributed mode acoustic radiator, on which graphic may be printed, with transducer to cause it to resonate

Patent Assignee: NEW TRANSDUCERS LTD (NEWT-N); VERITY GROUP PLC (VERI-N)

Inventor: AZIMA H; COLLOMS M; HARRIS N

Number of Countries: 074 Number of Patents: 018

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9709848	A1	19970313	WO 96GB2165	A	19960902	199717 B
AU 9668821	A	19970327	AU 9668821	A	19960902	199729

EP 847667	A1	19980617	WO 96GB2165	A	19960902	
			EP 96929406	A	19960902	199828
CZ 9800583	A3	19980715	WO 96GB2165	A	19960902	
			WO 96GB2165	A	19960902	199835
SK 9800264	A3	19980909	CZ 98583	A	19960902	
			WO 96GB2165	A	19960902	199848
			SK 98264	A	19960902	
CN 1195456	A	19981007	CN 96196701	A	19960902	199908
EP 847667	B1	19990303	EP 96929406	A	19960902	199913
			WO 96GB2165	A	19960902	
DE 69601648	E	19990408	DE 601648	A	19960902	199920
			EP 96929406	A	19960902	
			WO 96GB2165	A	19960902	
AU 704227	B	19990415	AU 9668821	A	19960902	199926
ES 2131410	T3	19990716	EP 96929406	A	19960902	199935
JP 11512260	W	19991019	WO 96GB2165	A	19960902	200001
			JP 97510966	A	19960902	
MX 9801589	A1	19980801	WO 96GB2165	A	19960902	200014
			MX 981589	A	19980227	
BR 9610426	A	19991221	BR 9610426	A	19960902	200017
			WO 96GB2165	A	19960902	
HU 9904010	A2	20000428	WO 96GB2165	A	19960902	200030
			HU 994010	A	19960902	
KR 99044331	A	19990625	WO 96GB2165	A	19960902	200036
			KR 98701571	A	19980228	
IL 123438	A	20010111	IL 123438	A	19960902	200107
US 6285770	B1	20010904	WO 96GB2165	A	19960902	200154
			US 96707012	A	19960903	
			US 9829062	A	19980513	

Priority Applications (No Type Date): GB 966836 A 19960330; GB 9517918 A 19950902; GB 9522281 A 19951031

Cited Patents: 1.Jnl.Ref; DE 2612450; FR 2613863; GB 2010637; GB 2262861; JP 2170795; US 3247925; WO 9203024

#### Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9709848	A1	E	22	H04R-001/02	
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Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9668821	A				Based on patent WO 9709848
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NZ 316563	A				Based on patent WO 9709848
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EP 847667	A1	E			Based on patent WO 9709848
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT SE SI

CZ 9800583	A3				Based on patent WO 9709848
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EP 847667	B1	E			Based on patent WO 9709848
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT SE SI

DE 69601648	E				Based on patent EP 847667
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Based on patent WO 9709848

AU 704227	B				Previous Publ. patent AU 9668821
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Based on patent WO 9709848

ES 2131410	T3				Based on patent EP 847667
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JP 11512260	W		25	H04R-001/00	Based on patent WO 9709848
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MX 9801589	A1			H04R-001/02	
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BR 9610426	A			H04R-001/02	Based on patent WO 9709848
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HU 9904010	A2			H04R-001/02	Based on patent WO 9709848
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KR 99044331	A			H04R-001/02	Based on patent WO 9709848
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IL 123438	A			H04R-001/02	Based on patent WO 9709848
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US 6285770	B1			H04R-025/00	CIP of application US 96707012
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Based on patent WO 9709848

Abstract (Basic): WO 9709848 A

The visual display apparatus comprises a notice board or the like



which incorporates the loudspeaker (81). The loudspeaker has a distributed acoustic mode radiator having a transducer (9) mounted wholly and exclusively on it to vibrate the radiator and cause it to resonate. The transducer may be a piezoelectric bender.

**Graphic** information in the form of **text** or **pictures** may be printed on the panel which may be supported on a stand (23) or suspended from wires.

ADVANTAGE - Notice board offering ability to supplement graphic information with audio message.

Dwg.3/6

Title Terms: VISUAL; DISPLAY; NOTICE; BOARD; APPARATUS; INCORPORATE; PANEL;  
FORM; ACOUSTIC; RADIATE; LOUDSPEAKER; STAND; SUPPORT; DISTRIBUTE; MODE;  
ACOUSTIC; RADIATOR; GRAPHIC; PRINT; TRANSDUCER; CAUSE; RESONANCE  
Derwent Class: P85; V06; W04  
International Patent Class (Main): H04R-001/00; H04R-001/02; H04R-025/00  
International Patent Class (Additional): G09F-025/00; **G09F-027/00** ;  
H04R-007/06; H04R-017/00  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): V06-A01; V06-A02; V06-E02; V06-G01; W04-S; W04-W09

22/9/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008660388 \*\*Image available\*\*

WPI Acc No: 1991-164415/199122

XRPX Acc No: N91-125959

**Visual display apparatus with clearly distinguishable annotations -  
comprises controller that displays image using at least two different  
visual display modes displaying second image in dither pattern mode**

Patent Assignee: EDEN DESIGN GROUP LTD (EDEN-N); EDEN DESIGN GRP LTD  
(EDEN-N)

Inventor: RANDALL S

Number of Countries: 016 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9106937	A	19910516				199122 B
EP 534964	A1	19930407	EP 90915969	A	19901031	199314
			WO 90GB1669	A	19901031	
JP 5506515	W	19930922	JP 90514849	A	19901031	199343
			WO 90GB1669	A	19901031	
EP 534964	B1	19970528	EP 90915969	A	19901031	199726
			WO 90GB1669	A	19901031	
DE 69030818	E	19970703	DE 630818	A	19901031	199732
			EP 90915969	A	19901031	
			WO 90GB1669	A	19901031	

Priority Applications (No Type Date): GB 8924642 A 19891101

Cited Patents: 2.Jnl.Ref; EP 91268; WO 8909960

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9106937 A  
Designated States (National): JP KR US  
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE  
EP 534964 A1 E 9 G09G-001/00 Based on patent WO 9106937  
Designated States (Regional): DE FR GB IT  
JP 5506515 W G09G-005/00 Based on patent WO 9106937  
EP 534964 B1 E 8 G09G-001/00 Based on patent WO 9106937  
Designated States (Regional): DE FR GB IT  
DE 69030818 E G09G-001/00 Based on patent EP 534964  
Based on patent WO 9106937

Abstract (Basic): WO 9106937 A

A visual display apparatus comprises an LCD type display driven from a display driver and a data input interface that includes a translucent transducer pad overlaying the LCD **display together** with a manually movable stylus member. A controller controls the visual LCD

display to display an image using at least two visually differentiable display modes. When a first and second image are **displayed together** on the LCD **display**, the second image comprises substantially annotations of the first image, that is to say that annotations of a piece of displayed text is shown in a visually differentiable mode from that in which the text is displayed.

The display further includes a Read Only Memory (ROM) programmed with the operating system for the apparatus and a Random Access Memory (RAM) which stores the original text and annotations. The stylus is operable to allow the user to input graphical data or a drop down menu from which the user can make a choice of mode selection.

ADVANTAGE - Discriminates between original **text** and subsequent annotations. Displays **image** using two visually differentiable display modes and helps distinguish between original document text and any subsequent annotations. (9pp Dwg.No.1/3)

Abstract (Equivalent): EP 534964 B

Visual display apparatus (1) comprising a visual display means (2), and a controller (12) for controlling the visual display means (2) to display an image using at least two visually differentiable display modes, characterised in that when a first (20) and second (21) image are **displayed together** on the visual **display** means (2), the second image (21) comprising substantially annotations of the first image (20), the controller (12) automatically provides for each image to be in a different mode so that the annotations are readily discernible by visual differences between the first (20) and second (21) images.

Dwg.1/3

Title Terms: VISUAL; DISPLAY; APPARATUS; DISTINGUISH; COMPRISE; CONTROL; DISPLAY; IMAGE; TWO; VISUAL; DISPLAY; MODE; DISPLAY; SECOND; IMAGE; DITHER; PATTERN; MODE

Derwent Class: P85; T01; T04

International Patent Class (Main): G09G-001/00; G09G-005/00

International Patent Class (Additional): G06F-003/03; G06F-003/033

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-C02B1; T01-J; T04-H03B

22/9/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007955193 \*\*Image available\*\*

WPI Acc No: 1989-220305/198930

Related WPI Acc No: 1993-109473

XRPX Acc No: N89-167865

**Electro-optic slate for I-O of hand entered data - has LCD display elements and manual entry input pen with processing section**

Patent Assignee: AIKEN J C (AIKE-I); MORE E S (MORE-I)

Inventor: AIKEN J C; MORE E S

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4839634	A	19890613	US 86936567	A	19861201	198930 B
EP 416176	A	19910313	EP 89305926	A	19890612	199111 N
EP 416176	B1	19970917	EP 89305926	A	19890612	199742 N
DE 68928325	E	19971023	DE 628325	A	19890612	199748 N
			EP 89305926	A	19890612	

Priority Applications (No Type Date): US 86936567 A 19861201; EP 89305926 A 19890612; DE 628325 A 19890612

Cited Patents: 1.Jnl.Ref; DE 3726208; GB 2067812; GB 2193023; JP 56166571; US 4058849; US 4839634

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4839634	A		57		
EP 416176	A				

Designated States (Regional): DE FR GB

EP 416176 B1 E 85 G06F-003/033

Abstract (Basic): US 4839634 A

The electro-optic slate comprises a **combined** flat panel **display** and pen sensing surface constructed from non-mechanical, non-emissive display elements, such as liquid crystal display elements. The device also comprises an input pen for manual entry of hand printed **text** and hand drawn **graphics**, as well as commands, directly onto the display surface for providing an electronic writing and drawing slate. The display elements themselves are preferably utilised as input pen sense locations. The flat panel display and pen sensing surface is constructed so that there is no display distortion when the input pen is in contact with the surface. Rapid input pen sensing is provided for accommodating natural pen movement on a high resolution, large area display.

A character recognition method is also associated with the device for automatic and computationally efficient on-line recognition of hand printed text characters, while accommodating a natural printing style. Hand printed text characters are recognised and preferably stored in a compact and standardised format, such as ASCII, for later display, processing, or output to external equipment, such as a printer or computer. Graphics can also be entered and stored for later display, processing, or output to an external device, and graphics can be interspersed with **text**, if desired. Also, **text** and **graphics** can preferably be input to the device from external information processing equipment for display and/or processing.

ADVANTAGE - Portable.

Dwg. 3/15

Abstract (Equivalent): EP 416176 B

A portable interactive electronic writing and/or graphics device, comprising: input pen means (3; 1014) configured to be held in the hand of a user; non-mechanical, non-emissive display means (1) comprising a plurality of display elements (18; 28) including display electrode means (16, 17; 1034; 1046, 1142) for operating electro-optic material (15; 29) located between the display electrode means (16, 17; 1034, 1046, 1142), the display means (1) being operable in two modes, including a first mode in which the display electrode means (16, 17, 1034; 1046, 1142) is activated to excite the electro-optic material (15; 29) therebetween for displaying **textual** and/or **graphical** information and a second mode in which the display electrode means (16, 17; 1034; 1046, 1142) is electrically coupled with the input means (3; 1014) manipulated by the user proximate the display means (1) along alternative paths to form **text** characters and/or **graphics**, respectively; pen sense control means (2) associated with the display means (1) and responsive to electrical coupling of the display electrode means (16, 17; 1034; 1046, 1142) with the input pen means (3; 1014) for producing position signals corresponding to positions of the input pen means (3; 1014) with respect to the display means (1) as the user manipulates the input pen means (3; 1014) along the path; and display control means (11; 1037, 1140) connected to the pen sense control means (2) and display means (1) and responsive to the position signals for energising selected display electrode means (16, 17, 1034, 1046, 1142) of the display elements (18; 28) to display the respective **text** characters and/or **graphics** corresponding to the alternative paths followed by the input pen means (3; 10, 14); whereby **text** characters and/or **graphics** are hand-entered by the user directly onto the display means (1); and characterised in that the device further comprises: a display drive sense circuit (1033, 1036, 1039, 1040, 1041; 1043, 1052, 1055) for generating control signals; and transmission gate means (1035; 1051, 1054) connected to the display drive/sense circuit (1033, 1036, 1039, 1040, 1041; 1043, 1052, 1055) display electrode means (16; 17; 1034; 1046; 1142) and display control means (11; 1037; 1140) the transmission gate means (1035; 1051, 1054) being responsive to the control signals for coupling the display electrode means (16, 17, 1034; 1046; 1142) to the pen sense control means (2, 1038, 1042; 1056, 1141) while the display control means (11, 1037, 1140) provides display drive signals to the display means (1) so as to cause the

display means (1) to be simultaneously operable in the said two modes.

Dwg.1/26

Title Terms: ELECTRO; OPTICAL; SLATE; I-O; HAND; ENTER; DATA; LCD; DISPLAY;  
ELEMENT; MANUAL; ENTER; INPUT; PEN; PROCESS; SECTION  
Derwent Class: P85; T01; T04; U14  
International Patent Class (Main): G06F-003/033  
International Patent Class (Additional): G06F-003/03; G06K-011/16;  
G09G-003/00  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): T01-C02B1; T01-L09; T04-D02; T04-E; T04-F02;  
T04-H03B ; U14-K01A; U14-K01A2

22/9/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004191943

WPI Acc No: 1985-018823/198504

XRFX Acc No: N85-013696

**Alphanumeric combination text and picture display system -  
supplements information conveyed with simultaneously displaced  
photographic or poster type picture using signal processor**

Patent Assignee: DOLEJSI E (DOLE-I)

Inventor: ARCHER R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 1179796	A	19841218	CA 436046	A	19830902	198504 B

Priority Applications (No Type Date): CA 436046 A 19830902

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 1179796	A	20		

Abstract (Basic): CA 1179796 A

A matrix or segmented pattern of discreet light source devices is provided and which allows the forming of illuminated characters when an appropriate selection of individual light source devices is simultaneously energised. A memory stores and provides appropriate electrical signal instructions governing the selection and timing of the energising cycle for each light source device. An encoding device programs the memory. A signal processor processes signals from the memory and translates the signals into timed and distributed electrical control signals for the light source devices.

A series of electrical switching circuits receive electrical control signals from the processor and switch on power to temporarily energise the desired selection of light source devices and produce the corresp. specific illuminated characters as originally entered to the encoding device. A picture retaining circuit is provided for holding, to be displayed, a series of individual pictures. A picture illumination device individually illuminates pictures in the picture retaining circuit. Selective illumination of one or more pictures in the picture retaining circuit is provided for.

USE/ADVANTAGE - Selectively generates text of any practical length, and which includes dynamic alpha/numeric message.

1/3

Title Terms: ALPHANUMERIC; COMBINATION; TEXT; PICTURE; DISPLAY; SYSTEM;  
SUPPLEMENT; INFORMATION; CONVEY; SIMULTANEOUS; DISPLACE; PHOTOGRAPH;  
POSTER; TYPE; PICTURE; SIGNAL; PROCESSOR

Derwent Class: P85; S06; T04

International Patent Class (Additional): G09G-003/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): S06-B06; S06-B09; T04-H03B

?

Set	Items	Description
S1	1196960	LOGO? OR GRAPHIC? OR LABEL???? OR TRADEMARK? OR TRADE()MAR-K? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICTOGRAM? OR GLYPH? OR INSIGNIA?
S2	4170	IDEOGRAM? OR IDEOGRAPH? OR PICTORIAL
S3	339891	TEXT? OR WORD?
S4	816694	DISPLAY?
S5	12688	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN?)
S6	2364	S4(3N)INCORPORAT?
S7	10826	S1-S2(5N)S3
S8	127	S7 AND S5-S6
S9	107	S7 AND S5
S10	19293	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV-?) OR DYNAMIC?(1W)DISPLAY?
S11	3024	S1(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECURITIES OR INVESTMENT?)
S12	3	S8 AND S10
S13	0	S8 AND S11
S14	7	S11 AND S1-S2(10N)S3(5N)S4
S15	7	S14 NOT S12
S16	1627	IC="G09F-027"
S17	1806	MC="T01-C04D"
S18	8367	MC="T01-J05A1"
S19	9186	MC="T04-H03B"
S20	790	MC="W05-E05C"
S21	8	S8 AND S16-S20
S22	7	S21 NOT (S12 OR S15)
S23	11198	S4(3N)(CONCURREN? OR SIMULTAN? OR SAME()(TIME OR INSTANT?) OR COINSTANT? OR TANDEM?)
S24	110	S7 AND S23
S25	4	S24 AND S10-S11
S26	4	S25 NOT (S12 OR S15 OR S22)

26/9/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06941448 \*\*Image available\*\*  
INFORMATION PROCESSOR AND INFORMATION PROCESSING METHOD

PUB. NO.: 2001-168999 [JP 2001168999 A]  
PUBLISHED: June 22, 2001 (20010622)  
INVENTOR(s): ADACHI TADASHI  
APPLICANT(s): AIWA CO LTD  
APPL. NO.: 11-349502 [JP 99349502]  
FILED: December 08, 1999 (19991208)  
INTL CLASS: H04M-011/00; G06F-003/00; G06F-013/00; H04Q-007/38;  
H04N-001/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To enhance the handleability for a user by **simultaneously displaying a text by text data and an image by image data.**

SOLUTION: Upon the receipt of data including **text data** and **image data**, a CPU 201 of an adaptor 200 stores the text data in a RAM 204 and stores the image data in a RAM 208 via a CPU 202. Then the CPU 202 applies expansion decoding processing to the image data stored in the RAM 208 and stores the obtained image data in a RAM 209. A **display** section 206 **simultaneously displays** an image by the image data stored in the RAM 209 and the text by the text data stored in the RAM 204. For example, the text is displayed through **scrolling**. In the case of displaying the text by the text data, the CPU 201 converts the **text data** into font data. The **image** and the **text** related to the **image** is **displayed simultaneously**.

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26/9/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02970132 \*\*Image available\*\*  
DATA PROCESSOR

PUB. NO.: 01-267732 [JP 1267732 A]  
PUBLISHED: October 25, 1989 (19891025)  
INVENTOR(s): SATOU TOMOTOSHI  
SUZUKI HIROYUKI  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 63-097260 [JP 8897260]  
FILED: April 20, 1988 (19880420)  
INTL CLASS: [4] G06F-009/06; G06F-011/28  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)  
JOURNAL: Section: P, Section No. 992, Vol. 14, No. 27, Pg. 136,  
January 19, 1990 (19900119)

#### ABSTRACT

PURPOSE: To improve the operability of an editing work and the preparing efficiency of a program by automatically making a condition into a re-editing (editor) condition, displaying error information on a **picture**, and moving the whole **text**, at the time of an error.

CONSTITUTION: When a program.text edit is completed, a compiler 5 is operated, and the existence of the error and an error generating point is detected. When the error is generated, a message to indicate the error line number of a file and error contents is outputted by the line number and the output means of an error message. The condition is returned to the program.text editing condition, the line number and error message are displayed on one window of a **display** 7, and **simultaneously**, the **scroll** control of a program. **text** edited **picture** is executed by the line number. Thus, without a necessity to be conscious of a repetition of the editor and compiler, the program can be corrected until the error is eliminated, and the operability of the editing work and the program preparing efficiency can be improved.

26/9/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02082369 \*\*Image available\*\*  
SCREEN DISPLAY CONTROL SYSTEM DUE TO KANA (JAPANESE SYLLABARY)-KANJI  
(CHINESE CHARACTER) CONVERSION AT THE TIME OF INPUT

PUB. NO.: 61-296469 [JP 61296469 A]  
PUBLISHED: December 27, 1986 (19861227)  
INVENTOR(s): TERADA YOSHIAKI  
YAMAGUCHI TETSUO  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
USAC ELECTRONICS IND CO LTD [366680] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 60-137563 [JP 85137563]  
FILED: June 24, 1985 (19850624)  
INTL CLASS: [4] G06F-015/20; G09G-001/06  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 44.9  
(COMMUNICATION -- Other)  
JAPIO KEYWORD: R106 (INFORMATION PROCESSING -- Kanji Information Processing)  
JOURNAL: Section: P, Section No. 580, Vol. 11, No. 164, Pg. 100, May  
27, 1987 (19870527)

#### ABSTRACT

PURPOSE: To reduce the frequency of generation of horizontal **scrolls**, to

reduce the fine movement of a display screen and to make it possible to observe display data easily by forming a **scroll** control part in a processor to reduce the frequency of character overflow.

CONSTITUTION: Commands, character data, etc. inputted from a keying device 32 are processed by the processor 30, a text is formed, stored in a memory 31 and then outputted to a display device 33 and a printer 34. When the size of the defined screen of the text is large and can not be **simultaneously displayed** on the **display** device, the **scroll** control part 37 dynamically changes the display screen position of the device 33 on the defined **picture** plane of the **text**. Namely, the control part 37 controls the final display character position A of the display screen and when a document processing part 36 sets up the number of input characters, executes prescribed decision by using the current cursor position B. On the basis of the decided result, the control part 37 executes the horizontal **scroll** with **scroll** width  $n + X$  by using a **scroll** constant X. Consequently, the frequency of generation of horizontal **scrolls** is reduced and the display screen can be easily observed.

26/9/4 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014096920 \*\*Image available\*\*

WPI Acc No: 2001-581134/200165

XRPX Acc No: N01-432902

**Electronic speech translator has database of animations, images and phonetic spellings and audio database containing segments of environmental sounds associated with words or phrases**

Patent Assignee: INTERACTIVE SOLUTIONS INC (INTE-N)

Inventor: DORETY M F; GREENE M; GREENE V; NEWMAN H E; YUHAS M J

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200145088	A1	20010621	WO 2000US32452	A	20001212	200165 B
AU 200119314	A	20010625	AU 200119314	A	20001212	200165

Priority Applications (No Type Date): US 2000610675 A 20000707; US 99171106 P 19991216

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200145088	A1	E	31	G10L-013/08	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200119314	A			G10L-013/08	Based on patent WO 200145088
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Abstract (Basic): WO 200145088 A1

NOVELTY - Translator comprises a receiver generating a speech signal in response to speech, a speech-to-text translator (45) and a text-to-speech translator (46). A video display (44) displays text corresponding to the text data stream and an audio output device generates a speech sound **simultaneous** with text **display**. A text-to-sign language translator (47) converts the **text** data stream into a video **image** of a person using sign language and a **text**-to-**image** translator (48) translates **words** into associated **graphical images**. **Text** can be displayed **scrolling** or static, there are different display windows and the processor has a text-to-phonetic spelling translator (49) and a text-to-audio sound translator (50).

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for (1) a method of translating speech into multiple formats, (2) a method of translating a text data stream into multiple formats.

USE - Translator is for facilitating conversations between normal and hearing-impaired persons.

ADVANTAGE - Translator can be connected to cochlear implants and hearing aids and prevents data overload caused by multiple sounds of varying volumes being introduced to the brain simultaneously.

DESCRIPTION OF DRAWING(S) - The figure shows  
video display (44)  
speech to text translator (45)  
text to speech translator (46)  
text to sign language translator (47)  
**text** to **image** translator (48)  
text to phonetic spelling translator (49)  
text to audio sound translator (50)  
pp; 31 DwgNo 1/6

Title Terms: ELECTRONIC; SPEECH; TRANSLATION; DATABASE; IMAGE; PHONETIC;  
AUDIO; DATABASE; CONTAIN; SEGMENT; ENVIRONMENT; SOUND; ASSOCIATE; WORD;  
PHRASE

Derwent Class: P86; W04

International Patent Class (Main): G10L-013/08

International Patent Class (Additional): G10L-015/26; G10L-021/06

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W04-V

?



Set	Items	Description
S1	1196960	LOGO? OR GRAPHIC? OR LABEL???? OR TRADEMARK? OR TRADE()MAR- K? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENT- IFIER? OR PICTOGRAM? OR GLYPH? OR INSIGNIA?
S2	4170	IDEOGRAM? OR IDEOGRAPH? OR PICTORIAL
S3	339891	TEXT? OR WORD?
S4	816694	DISPLAY?
S5	12688	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN?)
S6	2364	S4(3N)INCORPORAT?
S7	10826	S1-S2(5N)S3
S8	127	S7 AND S5-S6
S9	107	S7 AND S5
S10	19293	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC?(1W)DISPLAY?
S11	3024	S1(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR SECURITIES OR INVESTMENT?)
S12	3	S8 AND S10
S13	0	S8 AND S11
S14	7	S11 AND S1-S2(10N)S3(5N)S4
S15	7	S14 NOT S12
S16	1627	IC="G09F-027"
S17	1806	MC="T01-C04D"
S18	8367	MC="T01-J05A1"
S19	9186	MC="T04-H03B"
S20	790	MC="W05-E05C"
S21	8	S8 AND S16-S20
S22	7	S21 NOT (S12 OR S15)
S23	11198	S4(3N)(CONCURREN? OR SIMULTAN? OR SAME() (TIME OR INSTANT?) OR COINSTANT? OR TANDEM?)
S24	110	S7 AND S23
S25	4	S24 AND S10-S11
S26	4	S25 NOT (S12 OR S15 OR S22)
S27	7	S24 AND S16-S20
S28	6	S27 NOT (S12 OR S15 OR S22 OR S26)

28/9/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013399182 \*\*Image available\*\*

WPI Acc No: 2000-571120/200053

XRPX Acc No: N00-422451

**Interactive order system for restaurant, displays graphical depiction of each item ordered in picture display area, based on selection code input by customer**

Patent Assignee: TECHKNOW INC (TECH-N)

Inventor: BATTISTINI G; BATTISTINI M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6087927	A	20000711	US 9816098	A	19980130	200053 B
			US 99313161	A	19990517	

Priority Applications (No Type Date): US 99313161 A 19990517; US 9816098 A 19980130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6087927	A		15	G08B-001/00	CIP of application US 9816098 CIP of patent US 5907275

Abstract (Basic): US 6087927 A

NOVELTY - Each order placement station includes customer monitor which displays simultaneously to a customer graphical depiction and textural description of each item ordered, based on the selection code input by the customer, the graphical depiction of each item ordered is selected, and displayed in picture display area (46). A centralized video controller is linked to customer monitor and central processing unit including a mapping program.

DETAILED DESCRIPTION - An order receiving station accepts input

from an employee and an order placement station accepts input from an ordering customer. The order placement station and receiving station are connected via two-way audio link. The mapping program is run on the central processing unit, and uses a selection code to locate graphical depiction for ordered item in data storage.

USE - For interactive audio-visual communication between customer at a remote order station and as attendant receiving orders by fast food restaurant.

ADVANTAGE - Increases the speed of order taking process by allowing the attendant to direct customers with text and to display total amount owed before the customer proceeds to the attendant window.

DESCRIPTION OF DRAWING(S) - The figure show the view of customer monitor.

Display area (46)

pp; 15 DwgNo 4/9

Title Terms: INTERACT; ORDER; SYSTEM; RESTAURANT; DISPLAY; GRAPHICAL; ITEM; ORDER; PICTURE; DISPLAY; AREA; BASED; SELECT; CODE; INPUT; CUSTOMER

Derwent Class: T01; T05; W05

International Patent Class (Main): G08B-001/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J05A1 ; T01-J12B; T05-L01A; W05-A04; W05-D03; W05-E03

28/9/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013353451 \*\*Image available\*\*

WPI Acc No: 2000-525390/200048

XRPX Acc No: N00-388308

Side wings for computer monitor, screen, television, to provide simultaneous display of other information on side wings during main display

Patent Assignee: ROTH G K (ROTH-I)

Inventor: ROTH G K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19902733	A1	20000727	DE 1002733	A	19990119	200048 B

Priority Applications (No Type Date): DE 1002733 A 19990119

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19902733	A1		6	G09F-027/00	

Abstract (Basic): DE 19902733 A1

NOVELTY - Display side wings provide additional electronic information for user to access using remote control, keyboard or mouse click. Wings are rotatable and made of plastic

USE - Display side wings for screens, computer monitors, televisions to provide additional PIN text information, other channel view for TV, Internet display, display for deaf person, additional images for TV video text .

ADVANTAGE - Provides simultaneous viewing of different information channels

DESCRIPTION OF DRAWING(S) - View of computer monitor with side wings.

pp; 6 DwgNo 1/3

Title Terms: SIDE; WING; COMPUTER; MONITOR; SCREEN; TELEVISION; SIMULTANEOUS; DISPLAY; INFORMATION; SIDE; WING; MAIN; DISPLAY

Derwent Class: P85; T04; W03

International Patent Class (Main): G09F-027/00

International Patent Class (Additional): G09G-005/14; H04N-005/64

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T04-H03C; T04-L09; W03-A09

28/9/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012440712 \*\*Image available\*\*  
WPI Acc No: 1999-246820/199921  
XRPX Acc No: N99-183893

**Information broadcasting system for multiple receivers in common area**  
Patent Assignee: MEDIUM SL (MEDI-N); PREVOST C (PREV-I)  
Inventor: PREVOST C  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
FR 2768877 A1 19990326 FR 9711882 A 19970924 199921 B

Priority Applications (No Type Date): FR 9711882 A 19970924  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
FR 2768877 A1 15 H04B-007/26

Abstract (Basic): FR 2768877 A1

NOVELTY - The display devices receive **text** and **image** messages via the cellular telephone network.

DETAILED DESCRIPTION - The system provides a method of **displaying simultaneously** a set of images and/or messages on a number of different display devices. The system includes a transmitter of such messages using radio wave transmissions, preferably using a cellular telephone network, such that a number of receivers may use the same telephone call number to receive the message within a defined geographical region. Each receiver may include a graphic display panel for the received message information. The receivers include memory to hold a permanent display which is shown in the absence of any new received information. They may also include circuitry to determine the position of the receiver using a GPS system.

USE - Transmission of information to a number of recipients, esp. for transmission of information to motorists, or passengers and crew of boats, ships, aircraft etc.

ADVANTAGE - Enables simultaneous transmission of information multiple recipients in a given area.

DESCRIPTION OF DRAWING(S) - The figures show the transmitter and one of a number of similar receivers.

pp; 15 DwgNo 1/2

Title Terms: INFORMATION; BROADCAST; SYSTEM; MULTIPLE; RECEIVE; COMMON; AREA

Derwent Class: P85; Q13; W01; W02; W05; W06; X22

International Patent Class (Main): H04B-007/26

International Patent Class (Additional): B60K-037/00; G09F-009/00;

**G09F-027/00**

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W01-B05A1A; W01-C05B1; W01-C05B5C; W02-C03C1A; W02-F07; W05-E03; W06-A03A5; X22-E06B

28/9/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011869360 \*\*Image available\*\*  
WPI Acc No: 1998-286270/199825  
XRPX Acc No: N98-225079

**Simultaneous display system for graphical image , text of printed publication - includes selection unit operable by user to select text passage appearing in graphical image of page displayed in display unit**

Patent Assignee: INFOSIS GROUP LTD (INFO-N)  
Inventor: GEEN N; HUGHES M; JONES M W D; WARNER A  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5748931	A	19980505	US 94329948	A	19941024	199825 B

Priority Applications (No Type Date): US 94329948 A 19941024

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5748931	A			G06F-003/00	

Abstract (Basic): US 5748931 A

The system has a data access unit to access page image data comprising graphical **image** of pages of publication and **text** data. The page **image** data comprises **graphical image** of both **text** and **non-text** matter. The text matter includes multiple predefined passages of text arranged in order of relative importance with respect to other text passages. The text data comprises multiple predefined passages of text corresponding to **text** passages appearing in **graphical image** of pages of the publication. A display unit (43) displays a graphical image of a page of publication **simultaneously** with **display** of text data corresponding to a **text** passage appearing in the **graphical image** of the displayed page.

A selection unit operable by a user, selects a **text** passage appearing in the **graphical image** of the page displayed by the display unit. The display unit displays the graphical image of the page of the publication accessed from the page **image** data simultaneously alongside the selected **text** passage in response to the selection unit and the data access unit, so that the user gets a **simultaneously display** of the graphical image of the page.

USE - Used in business and financial publication e.g. newspaper.  
 ADVANTAGE - Provides **simultaneous display** of **image** of pages of publication and **text** data. Allows user to interpret editorial importance associated with articles. Offers immediate access to edited text. Allows user to select passage of text comprising story or article on displayed page of publication. Provides information on **identifier word** such as company name.

Dwg.1/7

Title Terms: SIMULTANEOUS; DISPLAY; SYSTEM; GRAPHICAL; IMAGE; TEXT; PRINT; PUBLICATION; SELECT; UNIT; OPERATE; USER; SELECT; TEXT; PASSAGE; APPEAR; GRAPHICAL; IMAGE; PAGE; DISPLAY; DISPLAY; UNIT

Index Terms/Additional Words: ELECTRONIC; TEXT

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-C04D ; T01-J11B; T01-J12B

28/9/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010135500 \*\*Image available\*\*

WPI Acc No: 1995-036751/199505

XRFX Acc No: N95-028916

**Retail display appts. simultaneously showing pre-recorded visual image and associated text - has central processor controlling display, and manually operated remote control for interactive use**

Patent Assignee: POTTER B G (POTT-I)

Inventor: POTTER B G

Number of Countries: 021 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9429839	A1	19941222	WO 94GB1297	A	19940616	199505 B
AU 9469348	A	19950103	AU 9469348	A	19940616	199522
EP 704086	A1	19960403	EP 94917757	A	19940616	199618
			WO 94GB1297	A	19940616	
EP 704086	B1	19970917	EP 94917757	A	19940616	199742
			WO 94GB1297	A	19940616	
DE 69405744	E	19971023	DE 605744	A	19940616	199748
			EP 94917757	A	19940616	

WO 94GB1297 A 19940616

Priority Applications (No Type Date): GB 9312438 A 19930616

Cited Patents: CH 674778; DE 8911029; FR 2228261; FR 2629244; US 3861792;  
US 4677570; US 4701627; WO 9202920

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9429839 A1 E 25 G09F-027/00

Designated States (National): AU CA GB NZ US

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL  
PT SE

AU 9469348 A G09F-027/00 Based on patent WO 9429839

EP 704086 A1 E 1 G09F-027/00 Based on patent WO 9429839

Designated States (Regional): AT BE CH DE FR GB GR IE LI

EP 704086 B1 E 16 G09F-027/00 Based on patent WO 9429839

Designated States (Regional): AT BE CH DE FR GB GR IE LI

DE 69405744 E G09F-027/00 Based on patent EP 704086

Based on patent WO 9429839

Abstract (Basic): WO 9429839 A

The display apparatus includes a projector (11A) and a back projection screen (13). A programmable central processor (14) controls the display apparatus.

A manually operated remote controller (15) is connected to the central controller to enable interactive operation of the apparatus by a user. The projector can be a slide projector, or a video projector, with an attached alphanumeric light emitting diode (LED) display apparatus for displaying the associated text.

USE/ADVANTAGE - Estate agent may program appts. with pictures of various properties which are selectively displayed by the central processor in response to a user manipulating the remote control in accordance with prompts and/or menus shown by the text display.

Dwg.1/9

Abstract (Equivalent): EP 704086 B

Retail display apparatus comprising: **image** display means and **text** display means arranged to display pre-recorded visual **images** and associated **text**, the **image** display means comprising a projector and a back projection screen; programmable central control means for controlling individually the image displayed by the **image** display means and the associated **text** displayed by the text display means; and manually operable remote control means connected to the central control means for enabling interactive operation of the apparatus by a user.

Dwg.1/9

Title Terms: RETAIL; DISPLAY; APPARATUS; SIMULTANEOUS; PRE; RECORD; VISUAL; IMAGE; ASSOCIATE; TEXT; CENTRAL; PROCESSOR; CONTROL; DISPLAY; MANUAL; OPERATE; REMOTE; CONTROL; INTERACT

Derwent Class: P85; S06; W04; W05

International Patent Class (Main): G09F-027/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): S06-B06A; W04-Q01; W05-E03

28/9/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008405566 \*\*Image available\*\*

WPI Acc No: 1990-292567/199039

XRPX Acc No: N90-225158

**Electronic sequential analogue and numeric image display - has numeric images on certain displays and numerical images on others, in simultaneous independent sequences**

Patent Assignee: GUILHEM J (GUIL-I)

Inventor: GUILHEM J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2642880	A	19900810	FR 89520	A	19890116	199039 B

Priority Applications (No Type Date): FR 89520 A 19890116; FR 874465 A  
19870330

Abstract (Basic): FR 2642880 A

A sequential notice board system (3) esp. for public places displays images stored in the appts, and analogue images from, e.g. a television transmitter or a video disk player. Images of the two different types can be **displayed simultaneously** on four independent groups of displays (4), and arranged in four independent sequences. Pref. the television signals are received by an antenna (6), and fed through a switch (5) to one or more of the four display groups, while the numeric images are fed to one or more of the other displays.

With analogue advertising images, the images pref. have some particular duration that the sequence of text and advertisements is not modified or disrupted. The textual images can be controlled by e.g. shop manager or, in a public place, by a central system (1,2). The system can also supply displays to four outputs independent of the system, in four independent sequences. (4pp Dwg.No.1/1)

Title Terms: ELECTRONIC; SEQUENCE; ANALOGUE; NUMERIC; IMAGE; DISPLAY;  
NUMERIC; IMAGE; DISPLAY; NUMERIC; IMAGE; SIMULTANEOUS; INDEPENDENT;  
SEQUENCE

Derwent Class: P85; T01; W02; W04; W05

International Patent Class (Additional): G09F-027/00 ; G09G-001/00;  
H04N-007/18

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-J05; W02-F05B; W04-W09; W05-E03

?

File 344:CHINESE PATENTS ABS APR 1985-2001/Oct  
 (c) 2001 EUROPEAN PATENT OFFICE  
 File 347:JAPIO OCT 1976-2001/Aug(UPDATED 011203)  
 (c) 2001 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2001/UD,UM &UP=200176  
 (c) 2001 Derwent Info Ltd  
 File 371:French Patents 1961-2001/BOPI 200151  
 (c) 2001 INPI. All rts. reserv.

Set	Items	Description
S1	1153928	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	5088	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	353371	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	2526332	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	35406	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	3821	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	319944	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL? OR TEXTSCROLL? OR NEWSCROLL?
S8	2201	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	10605	S1-S2(5N)S3
S10	267	S9 AND S5-S6
S11	24	S10 AND S7-S8

?t11/9/all

11/9/1 (Item 1 from file: 347)  
 DIALOG(R)File 347:JAPIO  
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06941448 \*\*Image available\*\*  
 INFORMATION PROCESSOR AND INFORMATION PROCESSING METHOD

PUB. NO.: 2001-168999 [JP 2001168999 A]  
 PUBLISHED: June 22, 2001 (20010622)  
 INVENTOR(s): ADACHI TADASHI  
 APPLICANT(s): AIWA CO LTD  
 APPL. NO.: 11-349502 [JP 99349502]  
 FILED: December 08, 1999 (19991208)  
 INTL CLASS: H04M-011/00; G06F-003/00; G06F-013/00; H04Q-007/38;  
 H04N-001/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To enhance the handleability for a user by  
**simultaneously displaying a text by text data and an image by  
 image data.**

SOLUTION: Upon the receipt of data including **text** data and **image** data,  
 a CPU 201 of an adaptor 200 stores the text data in a RAM 204 and stores  
 the image data in a RAM 208 via a CPU 202. Then the CPU 202 applies  
 expansion decoding processing to the image data stored in the RAM 208 and  
 stores the obtained image data in a RAM 209. A **display** section 206  
**simultaneously displays** an image by the image data stored in the RAM  
 209 and the text by the text data stored in the RAM 204. For example, the  
 text is displayed through **scrolling**. In the case of displaying the text  
 by the text data, the CPU 201 converts the **text** data into font data. The  
**image** and the **text** related to the **image** is **displayed  
 simultaneously**.

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11/9/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06293838 \*\*Image available\*\*  
PACHINKO MACHINE

PUB. NO.: 11-235430 [JP 11235430 A]  
PUBLISHED: August 31, 1999 (19990831)  
INVENTOR(s): NAGATA SATOSHI  
YAMASHITA KOJI  
OGASAWARA MASAHIITO  
APPLICANT(s): OKUMURA YUKI KK  
APPL. NO.: 10-038689 [JP 9838689]  
FILED: February 20, 1998 (19980220)  
INTL CLASS: A63F-007/02

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide various kinds of displays for a big win by a method wherein a game region is equipped with patterns of characters, and at the same time, a specified configuration of varied patterns includes words to express the characters.

SOLUTION: In a display region where a varied pattern becomes a 'big win', a background image is **displayed together** with the motion pose of an image character at a normal **scroll** speed in such a manner that the background image may move from the left to the right. Then, when a ball enters a first kind starting port, the rotation of lateral three rows of variable patterns is displayed at the approx. center of the display region, and after a specified period of time, the variable patterns for a left pattern 49 and a right pattern 51 are stopped in order, and an 'almost winning' mode including **words** is displayed, and the background **image** and the image of Kato-cha (Kato-tea), which is the character, are displayed by a high speed **scroll**, and a situation wherein the character, Kato-cha is running through a shopping street is displayed. By this method, various kinds of expressions for a big win can be obtained.

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11/9/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05450487 \*\*Image available\*\*  
METHOD AND DEVICE FOR DETECTING CHARACTERISTIC SCENE FOR **DYNAMIC** IMAGE

PUB. NO.: 09-065287 [JP 9065287 A]  
PUBLISHED: March 07, 1997 (19970307)  
INVENTOR(s): NAGASAKA AKIO  
MIYATAKE TAKAFUMI  
FUJITA TAKEHIRO  
TANIGUCHI KATSUMI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-210409 [JP 95210409]  
FILED: August 18, 1995 (19950818)  
INTL CLASS: [6] H04N-005/93; G06T-013/00; H04N-005/268  
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 42.5 (ELECTRONICS -- Equipment); 45.9 (INFORMATION PROCESSING -- Other)  
JAPIO KEYWORD: R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR); R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR)

#### ABSTRACT

PROBLEM TO BE SOLVED: To obtain information assisting the user for video image selection by discriminating whether or not a scene is an important scene in a video image, specifying its range simply at a high speed, discriminating and classifying to which field a video **image** belongs (



news , sport relay or the like).

SOLUTION: This device is provided with a means entering an object **dynamic** image to a processor in time series in the unit of frames, a means buffering plural frames entered in the past in the processing unit, and a means discriminating whether or not a feature variable of the buffered frame has a characteristic in which the feature variable approaches that of the newest frame monotonously in the order from the older frames. Furthermore, when it is discriminated true by the discrimination means, a means is provided to extract a video period till a succeeding special video effect is detected or a prescribed after the frame as an important scene. Moreover, in addition to the special video effect, a means detecting a change and a state of various video images (change of cut, display of caption, layout or the like) and a means discriminating kinds of video images based on the **appearing** order and **combination** is provided.

11/9/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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05394406 \*\*Image available\*\*

METHOD FOR BI-DIRECTIONALLY LINKING VIDEO **DYNAMIC IMAGE AND TEXT**

PUB. NO.: 09-009206 [JP 9009206 A]

PUBLISHED: January 10, 1997 (19970110)

INVENTOR(s): WASHISAKA KOUICHI

TAKADA TOSHIHIRO

ONOUCHI RIKIO

APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 07-151229 [JP 95151229]

FILED: June 19, 1995 (19950619)

INTL CLASS: [6] H04N-005/93

JAPIO CLASS: 44.6 (COMMUNICATION -- Television)

#### ABSTRACT

PURPOSE: To recognize in which scene of video **dynamic images** and in which **text** part events relating to individual objects displayed inside a display screen are generated.

CONSTITUTION: A reproduction/ **display** controller 40 **incorporates** a control chart 42 composed of areas within the reproducing images of the video **dynamic** images and the time code list of event generation time relating to the areas for the respective time sections of time codes. When the video **dynamic** image display screen of a display device 20 is clicked, the controller 40 finds the time code list of the area corresponding to a clicked coordinate from the control chart 42, drives a video reproducing device 10, updates the video **dynamic image** display screen, reads the **text** part where the time code is embedded from a storage device 30 and updates a text display screen.

11/9/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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02970132 \*\*Image available\*\*

DATA PROCESSOR

PUB. NO.: 01-267732 [JP 1267732 A]

PUBLISHED: October 25, 1989 (19891025)

INVENTOR(s): SATOU TOMOTOSHI

SUZUKI HIROYUKI

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 63-097260 [JP 8897260]

FILED: April 20, 1988 (19880420)

INTL CLASS: [4] G06F-009/06; G06F-011/28  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)  
JOURNAL: Section: P, Section No. 992, Vol. 14, No. 27, Pg. 136,  
January 19, 1990 (19900119)

#### ABSTRACT

PURPOSE: To improve the operability of an editing work and the preparing efficiency of a program by automatically making a condition into a re-editing (editor) condition, displaying error information on a **picture**, and moving the whole **text**, at the time of an error.

CONSTITUTION: When a program.text edit is completed, a compiler 5 is operated, and the existence of the error and an error generating point is detected. When the error is generated, a message to indicate the error line number of a file and error contents is outputted by the line number and the output means of an error message. The condition is returned to the program.text editing condition, the line number and error message are displayed on one window of a **display** 7, and **simultaneously**, the **scroll** control of a program. **text** edited **picture** is executed by the line number. Thus, without a necessity to be conscious of a repetition of the editor and compiler, the program can be corrected until the error is eliminated, and the operability of the editing work and the program preparing efficiency can be improved.

11/9/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02082369 \*\*Image available\*\*

SCREEN DISPLAY CONTROL SYSTEM DUE TO KANA (JAPANESE SYLLABARY)-KANJI  
(CHINESE CHARACTER) CONVERSION AT THE TIME OF INPUT

PUB. NO.: 61-296469 [JP 61296469 A]  
PUBLISHED: December 27, 1986 (19861227)  
INVENTOR(s): TERADA YOSHIKI  
YAMAGUCHI TETSUO  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
USAC ELECTRONICS IND CO LTD [366680] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 60-137563 [JP 85137563]  
FILED: June 24, 1985 (19850624)  
INTL CLASS: [4] G06F-015/20; G09G-001/06  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 44.9  
(COMMUNICATION -- Other)  
JAPIO KEYWORD: R106 (INFORMATION PROCESSING -- Kanji Information Processing)  
JOURNAL: Section: P, Section No. 580, Vol. 11, No. 164, Pg. 100, May  
27, 1987 (19870527)

#### ABSTRACT

PURPOSE: To reduce the frequency of generation of horizontal **scrolls**, to reduce the fine movement of a display screen and to make it possible to observe display data easily by forming a **scroll** control part in a processor to reduce the frequency of character overflow.

CONSTITUTION: Commands, character data, etc. inputted from a keying device 32 are processed by the processor 30, a text is formed, stored in a memory 31 and then outputted to a display device 33 and a printer 34. When the size of the defined screen of the text is large and can not be **simultaneously** displayed on the **display** device, the **scroll** control part 37 **dynamically** changes the display screen position of the device 33 on the defined **picture** plane of the **text**. Namely, the control part 37 controls the final display character position A of the display screen and when a document processing part 36 sets up the number of input characters, executes prescribed decision by using the current cursor position B. On the basis of the decided result, the control part 37 executes the horizontal **scroll** with **scroll** width  $n + X$  by using a **scroll** constant X. Consequently, the frequency of generation of horizontal **scrolls** is

reduced and the display screen can be easily observed.

11/9/7 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014096920 \*\*Image available\*\*  
WPI Acc No: 2001-581134/200165  
XRPX Acc No: N01-432902

**Electronic speech translator has database of animations, images and phonetic spellings and audio database containing segments of environmental sounds associated with words or phrases**

Patent Assignee: INTERACTIVE SOLUTIONS INC (INTE-N)  
Inventor: DORETY M F; GREENE M; GREENE V; NEWMAN H E; YUHAS M J  
Number of Countries: 093 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200145088	A1	20010621	WO 2000US32452	A	20001212	200165 B
AU 200119314	A	20010625	AU 200119314	A	20001212	200165

Priority Applications (No Type Date): US 2000610675 A 20000707; US 99171106 P 19991216

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200145088	A1	E 31	G10L-013/08	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200119314 A G10L-013/08 Based on patent WO 200145088

Abstract (Basic): WO 200145088 A1

NOVELTY - Translator comprises a receiver generating a speech signal in response to speech, a speech-to-text translator (45) and a text-to-speech translator (46). A video display (44) displays text corresponding to the text data **stream** and an audio output device generates a speech sound **simultaneous** with text **display**. A text-to-sign language translator (47) converts the **text** data **stream** into a video **image** of a person using sign language and a **text** -to-**image** translator (48) translates **words** into associated **graphical images**. **Text** can be displayed **scrolling** or static, there are different display windows and the processor has a text-to-phonetic spelling translator (49) and a text-to-audio sound translator (50).

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for (1) a method of translating speech into multiple formats, (2) a method of translating a text data **stream** into multiple formats.

USE - Translator is for facilitating conversations between normal and hearing-impaired persons.

ADVANTAGE - Translator can be connected to cochlear implants and hearing aids and prevents data overload caused by multiple sounds of varying volumes being introduced to the brain simultaneously.

DESCRIPTION OF DRAWING(S) - The figure shows video display (44)

speech to text translator (45)

text to speech translator (46)

text to sign language translator (47)

**text** to **image** translator (48)

text to phonetic spelling translator (49)

text to audio sound translator (50)

pp; 31 DwgNo 1/6

Title Terms: ELECTRONIC; SPEECH; TRANSLATION; DATABASE; IMAGE; PHONETIC; AUDIO; DATABASE; CONTAIN; SEGMENT; ENVIRONMENT; SOUND; ASSOCIATE; WORD; PHRASE

Derwent Class: P86; W04

International Patent Class (Main): G10L-013/08

International Patent Class (Additional): G10L-015/26; G10L-021/06  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): W04-V

11/9/8 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013617920 \*\*Image available\*\*  
WPI Acc No: 2001-102128/200111  
Related WPI Acc No: 2001-090792  
XRPX Acc No: N01-075867

**Broadcast media content and added content combining method for providing advertisements, involves combining and displaying received broadcast media content and added content, at side of local site, for audience**

Patent Assignee: COMUNIC TV LTD (COMU-N); FRIEDMAN M M (FRIE-I)  
Inventor: BEREDJIK A; GOFMAN Y; GUTTMAN M; LEVI Y; YARDEN-ZASLAVSKY O  
Number of Countries: 090 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200052934	A1	20000908	WO 2000US4222	A	20000218	200111 B
AU 200033694	A	20000921	AU 200033694	A	20000218	200111

Priority Applications (No Type Date): US 99260036 A 19990302

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200052934	A1	E	23	H04N-007/173	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200033694	A			H04N-007/173	Based on patent WO 200052934
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Abstract (Basic): WO 200052934 A1

NOVELTY - A portion of added content is received from a internet server (16), at the side of the local site (20) corresponding to locally determined characteristic of audience. The broadcast media content is received at the local site. The received added content and the broadcast media content are combined, to form combined content which is then displayed on a display device, for the audience.

DETAILED DESCRIPTION - The local site (20) is connected to the internet server in the central content distribution facility (12), according to a protocol selected from the group consisting of an on-demand connection, constant connection and a connection for only at a preset connection time. An INDEPENDENT CLAIM is also included for broadcast media content and added content combining system.

USE - For combining broadcast media content such as television and radio broadcast data, **streaming** audio and video data, computer generated broadcast data, data provided through a media player such as video tape player, DVD player, audio tape player, CD player, broadcast data available through any other transmission mechanism such as internet or intranet or any other type of network, with added data like **text**, static **graphic**, etc., to provide advertisements to audiences like patients waiting in the hospital, travellers waiting in railway station, bus station or airport, shoppers at supermarkets.

ADVANTAGE - The format of the added content is optionally variable, so that the added content includes **text**, static **graphics**, animated **graphics**, video **stream** data or any other kind of computer formatted data for these type of content. Thus, both the format and identity of the added content is variable, according to characteristic of the audience of the combined content.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic block diagram of broadcast media content and added content combining system.

Central content distribution facility (12)

Internet server (16)

Local site (20)  
pp; 23 DwgNo 1/2  
Title Terms: BROADCAST; MEDIUM; CONTENT; ADD; CONTENT; COMBINATION; METHOD;  
ADVERTISE; COMBINATION; DISPLAY; RECEIVE; BROADCAST; MEDIUM; CONTENT; ADD  
; CONTENT; SIDE; LOCAL; SITE; AUDIENCE  
Derwent Class: T01; W01; W02; W05  
International Patent Class (Main): H04N-007/173  
File Segment: EPI  
Manual Codes (EPI/S-X): T01-H07C5E; W01-A06B7; W02-F10E; W02-F10X; W05-E03

11/9/9 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013607917 \*\*Image available\*\*  
WPI Acc No: 2001-092125/200111  
XRPX Acc No: N01-069797

**Apparatus for anti aliasing textured bumps in textured bump map in  
dynamic model image display has specular height integrator that  
integrates specular highlight of textured bump by generating integration  
values for highlights**

Patent Assignee: EVANS & SUTHERLAND COMPUTER CO (EVAN-N)  
Inventor: COSMAN M A; COSMAN M  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2301293	A1	20000918	CA 2301293	A	20000316	200111 B
GB 2353453	A	20010221	GB 20005513	A	20000309	200112

Priority Applications (No Type Date): US 99271588 A 19990318

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2301293	A1	E	51	G06T-015/00	
GB 2353453	A			G06T-015/20	

Abstract (Basic): CA 2301293 A1

NOVELTY - A bump curvature calculator (46) calculates curvature values from texel tilt values by determining the largest absolute difference between the texel's tilt values and the neighboring texel tilt values. A specular height integrator (50) integrates the specular highlight of a textured bump by generating integration values for the highlights across the pixel based on the bump curvature values for creating a uniform anti-aliased highlight.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for:

(a) a method of anti-aliasing textured bump map in a **dynamic** model image display system

USE - In computer graphics displays for anti-aliasing of specular highlights on bump mapped **textures** in a computer **graphics** display.

ADVANTAGE - Yields a realistic image with proper specular highlights but does not increase the hardware needed or require intensive calculations for the anti-aliasing process.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram illustrating one embodiment of the highlight integrator system constructed according to the present invention. a method of anti-aliasing textured bump map in a **dynamic** model image display system.

bump curvature calculator (46)  
specular height integrator (50)

pp; 51 DwgNo 9/15

Title Terms: APPARATUS; ANTI; ALIASING; TEXTURE; BUMP; TEXTURE; BUMP; MAP;  
**DYNAMIC** ; MODEL; IMAGE; DISPLAY; SPECULAR; HEIGHT; INTEGRATE; INTEGRATE;  
SPECULAR; HIGHLIGHT; TEXTURE; BUMP; GENERATE; INTEGRATE; VALUE; HIGHLIGHT  
Derwent Class: T01  
International Patent Class (Main): G06T-015/00; G06T-015/20  
International Patent Class (Additional): G06T-015/50  
File Segment: EPI  
Manual Codes (EPI/S-X): T01-C04D; T01-J10B1

11/9/10 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013189433 \*\*Image available\*\*  
WPI Acc No: 2000-361306/200031  
XRPX Acc No: N01-368416

Debugging method for parallel programs carried out in high speed parallel  
computer involves combining graphical and textual data from execution  
log file on graphical user interface screens to analyses execution state

Patent Assignee: KOREA ELECTRONICS & TELECOM RES INST (KOEL-N); KOREA  
ELECTRONICS & TELECOM RES (KOEL-N); ELECTRONICS & TELECOM RES INST  
(ELTE-N)

Inventor: CHI D; LEE B; ON G; PARK C; JIH D H; LEE B S; OHN G W; PARK C H;  
CHI D H; ON G W

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 99034145	A	19990515	KR 9755643	A	19971028	200031 B
US 6275956	B1	20010814	US 98131334	A	19980807	200155
KR 248376	B1	20000315	KR 9755643	A	19971028	200122

Priority Applications (No Type Date): KR 9755643 A 19971028

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 99034145	A			G06F-011/28	
US 6275956	B1	11		G06F-011/00	
KR 248376	B1			G06F-011/28	

Abstract (Basic): US 6275956 B1

NOVELTY - Parallel program execution log and program table  
information created through reference execution. Graphical view of  
program is generated (50) e.g. thread/time view, and textual data (47)  
is merged with it to allow them to be **viewed together** on graphical  
user interface (GUI) screens (48) allowing analysis of execution state.  
Programs may be multithreaded or message-passing interface (MPI)  
programs

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a  
debugging equipment that uses the described method.

USE - For debugging parallel programs carried out on high speed  
parallel computer.

ADVANTAGE - Allows both **dynamic** and visual debugging to be  
performed simultaneously.

DESCRIPTION OF DRAWING(S) - Drawing shows a flow chart of the  
method.

Textual view of execution state (47)

GUI screen (48)

Graphical view of execution state (50)

pp; 11 DwgNo 2/6

Title Terms: DEBUG; METHOD; PARALLEL; PROGRAM; CARRY; HIGH; SPEED; PARALLEL  
; COMPUTER; COMBINATION; GRAPHICAL; TEXT; DATA; EXECUTE; LOG; FILE;  
GRAPHICAL; USER; INTERFACE; SCREEN; ANALYSE; EXECUTE; STATE

Derwent Class: T01

International Patent Class (Main): G06F-011/00; G06F-011/28

File Segment: EPI

Manual Codes (EPI/S-X): T01-F05A; T01-F07; T01-J12B1; T01-J20C; T01-M02C

11/9/11 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012998975 \*\*Image available\*\*  
WPI Acc No: 2000-170827/200015  
Related WPI Acc No: 2000-160519; 2000-170828  
XRPX Acc No: N00-127016

Magnified image display method on multiple display configuration such as

# large screen display

Patent Assignee: SONY ELECTRONICS INC (SONY )  
Inventor: EYER M K; LUDTKE H A; SMYERS S D  
Number of Countries: 085 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9966716	A1	19991223	WO 99US13587	A	19990618	200015 B
AU 9949560	A	20000105	AU 9949560	A	19990618	200024
EP 1088448	A1	20010404	EP 99933516	A	19990618	200120
			WO 99US13587	A	19990618	
TW 431093	A	20010421	TW 99110035	A	19990615	200158

Priority Applications (No Type Date): US 99336489 A 19990618; US 9889798 P 19980618; US 99251586 A 19990217; US 99129008 P 19990413

## Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9966716	A1	E	58	H04N-005/262	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9949560	A			H04N-005/262	Based on patent WO 9966716
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EP 1088448	A1	E		H04N-005/262	Based on patent WO 9966716
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Designated States (Regional): FR GB

TW 431093	A			H04L-012/00	
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## Abstract (Basic): WO 9966716 A1

NOVELTY - Each of display devices (24-40), receives an input video stream and separates data on image section assigned by a master device. The assigned image section is scaled to full screen size of each display device. Scaled image sections are **simultaneously displayed** at appropriate time on the corresponding display devices to form a magnified image across multi-display configuration.

DETAILED DESCRIPTION - The display dimension and a latency value for each display device are estimated. A master device (22) divides an image into several image sections and assigns each image section to a corresponding display device based on the position of the display device within the multiple display configuration. An INDEPENDENT CLAIM is also included for a multi display configuration controller.

USE - For multiple display configuration for video and **graphic images**, on-screen display **graphics**, **text**, audio etc.

ADVANTAGE - Enables to **display** image **simultaneously** on all screens in multiple display configuration to obtain enlarged image.

DESCRIPTION OF DRAWING(S) - The drawing indicates a block diagram of multiple display configuration.

Master device (22)

Display devices (24-40)

pp; 58 DwgNo 2/14

Title Terms: MAGNIFY; IMAGE; DISPLAY; METHOD; MULTIPLE; DISPLAY; CONFIGURATION; SCREEN; DISPLAY

Derwent Class: T01; W03; W04

International Patent Class (Main): H04L-012/00; H04N-005/262

International Patent Class (Additional): H04N-005/44; H04N-007/24

File Segment: EPI

Manual Codes (EPI/S-X): W03-A08X; W04-N05C3C

11/9/12 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012519908 \*\*Image available\*\*

WPI Acc No: 1999-326014/199927

XRPX Acc No: N99-244502

Document dynamic preview constructing and display method using computer system

Patent Assignee: MICROSOFT CORP (MICR-N)  
Inventor: ANDERSEN D R; NIGARAJ V; RICARD D A  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5903905	A	19990511	US 96649838	A	19960430	199927 B

Priority Applications (No Type Date): US 96649838 A 19960430

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5903905	A	33	G06F-003/00	

Abstract (Basic): US 5903905 A

NOVELTY - An initial preview of the document is drawn. The characteristics of preview is simultaneously changed and drawn by presenting a visual indication of the changing characteristics of documents. When there are no further changes, document is output.

DETAILED DESCRIPTION - The characteristics of preview display include style, **textual** content, **textual** attributes, layout and **graphical** attributes. The drawing process is performed by directing the objects to draw themselves. The objects contain current information concerning characteristics of preview display. INDEPENDENT CLAIMS are also included for the following:

(a) a computer readable medium storing computer executable instructions for constructing and displaying **dynamic** preview of customized document;

(b) an interactive method for creating customized document.

USE - For providing user interface for selectively constructing and displaying documents **dynamic** preview, using computer system.

ADVANTAGE - The system provides an accurate representation of customized document using same drawing process used to draw initial preview display of the document and updated preview of the document.

DESCRIPTION OF DRAWING(S) - The figure depicts a screen display illustrating process involved in **simultaneously** constructing and **displaying dynamic** preview of document.

pp; 33 DwgNo 2A/7

Title Terms: DOCUMENT; **DYNAMIC** ; PREVIEW; CONSTRUCTION; DISPLAY; METHOD; COMPUTER; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J11

11/9/13 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012239942 \*\*Image available\*\*

WPI Acc No: 1999-046050/199904

XRPX Acc No: N99-033552

**Cumulative drive scheme and liquid crystal display - includes conversion of control signals into voltages applied to addressing electrodes in synchronized manner to refresh liquid crystal display in near video updating rate**

Patent Assignee: KENT DISPLAYS INC (KENT-N)

Inventor: HUANG X

Number of Countries: 083 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9855987	A2	19981210	WO 98US10207	A	19980519	199904 B
AU 9877968	A	19981221	AU 9877968	A	19980519	199919
EP 998737	A2	20000510	EP 98926044	A	19980519	200027
			WO 98US10207	A	19980519	
US 6133895	A	20001017	US 97868709	A	19970604	200054
TW 394921	A	20000621	TW 98108869	A	19980604	200109
JP 2001506379	W	20010515	WO 98US10207	A	19980519	200133
			JP 99502484	A	19980519	



KR 2001013437 A 20010226 KR 99711438 A 19991204 200154

Priority Applications (No Type Date): US 97868709 A 19970604

Cited Patents: No-SR.Pub

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9855987 A2 E 79 G09G-000/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9877968 A Based on patent WO 9855987

EP 998737 A2 E G09G-003/36 Based on patent WO 9855987

Designated States (Regional): DE GB IT

US 6133895 A G09G-003/36

TW 394921 A G09G-003/36

JP 2001506379 W 78 G02F-001/133 Based on patent WO 9855987

KR 2001013437 A G09G-003/36

Abstract (Basic): WO 9855987 A

The video rate updating part (10a) of a passive matrix cholesteric liquid crystal display (10) of a viewer (12) of **text** and **images** is adapted to display an image or images which are constantly changing or moving at a relatively slow rate and which are updated fast enough to produce a smooth continuous motion, I.e. of a person walking or of a moving car, instead of jerky movement. The video rate updating part is driven by driver circuitry capable of receiving, display and updating of image data at a rate compatible with video rate or near video rate updating.

The static part (10b) has a slower rate of updating and is suitable for display of relative static images, I.e. book and magazine pages during **display** of video **accompaniment** on the video rate updating part. The static part can be driven by **dynamic** drive circuitry and contains 304 rows by 320 columns of pixels, while the video rate updating part contains 16 rows by 320 columns of pixels, receiving a control voltage pulse approximately every 16 milliseconds at a frequency of 60 hertz. The driver display circuitry energizes the display to display an image and the viewer contains an integral switch (14) and a memory card or floppy disc (16) carrying the information to be viewed.

USE - Display of information using bistable cholesteric liquid crystal display

ADVANTAGE - Providing of video rate compatible updating of images giving appearance of continual movement of images

Dwg.1/19

Title Terms: CUMULATIVE; DRIVE; SCHEME; LIQUID; CRYSTAL; DISPLAY; CONVERT;

CONTROL; SIGNAL; VOLTAGE; APPLY; ADDRESS; ELECTRODE; MANNER; REFRESH;

LIQUID; CRYSTAL; DISPLAY; VIDEO; UPDATE; RATE

Derwent Class: P81; P85; T04; U14

International Patent Class (Main): G02F-001/133; G09G-000/00; G09G-003/36

International Patent Class (Additional): G09G-003/20

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T04-H03B; T04-H03C2; U14-K01

11/9/14 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012041430 \*\*Image available\*\*

WPI Acc No: 1998-458340/199840

XRPX Acc No: N98-357844

Visual display of electronic text and pictures - has two display panels hinged together and used as a book with page information on each one

Patent Assignee: ECKERLEIN A R (ECKE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29805418	U1	19980827	DE 98U2005418	U	19980325	199840 B

Priority Applications (No Type Date): DE 98U2005418 U 19980325

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 29805418	U1		14	G06F-003/14	

Abstract (Basic): DE 29805418 U

The visual display consists of two display panels [3, 4] that are hinged together [5] such that when in use can be positioned to suit the user in the manner of a book. When not in use the unit can be closed with the screens face to face. Each unit has operator keys [6-9] that allow fast sideways **scrolling** of **text** and **graphics** in the way a book would be used.

USE - Display of electronic **text**, **pictures** and **graphics**.

ADVANTAGE - Can be used as an electronic book.

Dwg.1/3

Title Terms: VISUAL; DISPLAY; ELECTRONIC; TEXT; PICTURE; TWO; DISPLAY; PANEL; HINGE; BOOK; PAGE; INFORMATION; ONE

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/14

File Segment: EPI

Manual Codes (EPI/S-X): T01-C04; T01-L02; T04-H03B

11/9/15 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011659837 \*\*Image available\*\*

WPI Acc No: 1998-076745/199807

XRPX Acc No: N98-061401

**Hierarchical menu bar with dynamic graphics and text windows for education or tutorial data - divides display into 1st segment window for presentation of content related to selected menu category, and 2nd menu display segment for presentation of menu item and path data, tracing path to current display of content**

Patent Assignee: LANE M W (LANE-I); LANE R S (LANE-I)

Inventor: LANE M W; LANE R S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5704051	A	19971230	US 93155464	A	19931119	199807 B
			US 96613527	A	19960311	

Priority Applications (No Type Date): US 93155464 A 19931119; US 96613527 A 19960311

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5704051	A		8	G06F-003/00	Cont of application US 93155464

Abstract (Basic): US 5704051 A

A data processor for managing a multilevel application wherein the data processor includes a display controller that creates a three-level menu window and a data window. The menu window includes two levels that each incorporate select commands associated with discrete subjects wherein menu commands are **concurrently displayed** on screen to provide historical access information.

Menu commands are converted into display presentations where each level defines a greater degree of information detail on a given subject. The data display window for these presentations is further divided into windows for **text** and **graphics**.

ADVANTAGE - Exceptionally effective at providing educational or tutorial information access in efficient manner.

Dwg.3/4

Title Terms: HIERARCHY; MENU; BAR; **DYNAMIC** ; GRAPHIC; TEXT; WINDOW;  
EDUCATION; TUTOR; DATA; DIVIDE; DISPLAY; SEGMENT; WINDOW; PRESENT;  
CONTENT; RELATED; SELECT; MENU; CATEGORY; MENU; DISPLAY; SEGMENT; PRESENT  
; MENU; ITEM; PATH; DATA; TRACE; PATH; CURRENT; DISPLAY; CONTENT  
Derwent Class: T01  
International Patent Class (Main): G06F-003/00  
File Segment: EPI  
Manual Codes (EPI/S-X): T01-J12B; T01-J12D

**11/9/16 (Item 10 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
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011074683 \*\*Image available\*\*  
WPI Acc No: 1997-052607/199705  
XRPX Acc No: N97-043100

**Dynamic keyboard key redefinition appts. for users with learning  
difficulties - includes input and display device with keys and  
corresponding polysemous symbol with controller comparing temporarily  
stored character sequence on key selection**  
Patent Assignee: SEMANTIC COMPACTION SYSTEMS (SEMA-N)  
Inventor: BAKER B R; CONTI R V; HERSHBERGER D; NYBERG E H; ROMICH B; YODER  
B

Number of Countries: 022 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9641329	A1	19961219	WO 96US8691	A	19960607	199705 B
EP 832480	A1	19980401	EP 96918022	A	19960607	199817
			WO 96US8691	A	19960607	
US 5748177	A	19980505	US 95487661	A	19950607	199825
US 5920303	A	19990706	US 95487661	A	19950607	199933
			US 97990740	A	19971215	

Priority Applications (No Type Date): US 95487661 A 19950607; US 97990740 A  
19971215

Cited Patents: US 5297041

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9641329	A1	E	120	G09G-005/00	
Designated States (National): CA JP KR					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 832480	A1	E		G09G-005/00	Based on patent WO 9641329
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 5748177	A		45	G09G-005/00	
US 5920303	A			G09G-005/00	Div ex application US 95487661 Div ex patent US 5748177

Abstract (Basic): WO 9641329 A

The key redefinition appts. includes an **integrated** input and **display** device displaying numerous keys on a keyboard. Each of the keys includes a corresponding displayed polysemous symbol which can be input upon selection of a key. A memory temporarily stores a symbol sequence including the corresponding polysemous symbol of each selected key in sequential order of selection.

A controller compares the temporarily stored character sequence, in response to each key selection, with numerous pre-stored symbol sequences. The sequences each include at least one symbol in a predetermined sequence. The controller also **dynamically** redefines less than all the **displayed** keys of the **integrated** output and **display** device, in response to the temporarily stored symbol sequence matching at least one of the pre-stored symbol sequences.

ADVANTAGE - Provides user friendly access to fringe vocabulary words via **dynamic graphical** screens. Allows self teaching of extended core vocabulary. Provides easily adaptable AAC system for lap-top or PC.

Dwg.1/9c

Title Terms: **DYNAMIC** ; KEYBOARD; KEY; APPARATUS; USER; LEARNING; DIFFICULT  
; INPUT; DISPLAY; DEVICE; KEY; CORRESPOND; SYMBOL; CONTROL; COMPARE;  
TEMPORARY; STORAGE; CHARACTER; SEQUENCE; KEY; SELECT  
Derwent Class: P85; T01  
International Patent Class (Main): G09G-005/00  
International Patent Class (Additional): G06F-003/14; G09G-005/36  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): T01-C02B1D; T01-J12B

11/9/17 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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010893239 \*\*Image available\*\*  
WPI Acc No: 1996-390190/199639  
XRPX Acc No: N96-328753

**Scanning system in large scale LED display appts for displaying character and graphic of advertisement and news - combines scanning process in horizontal and vertical direction such that scanning is performed alternately in horizontal and vertical direction**

Patent Assignee: KOKUSAI DENKI KK (KOKZ )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8190364	A	19960723	JP 9516339	A	19950109	199639 B

Priority Applications (No Type Date): JP 9516339 A 19950109

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 8190364 A 4 G09G-003/32

Abstract (Basic): JP 8190364 A

The scanning system scans a number of LED panels arranged in matrix form. The length of each LED panel is **same** . The **time** division lighting **display** is performed in horizontal or vertical direction.

The scanning process in horizontal and vertical direction are combined such that scanning is performed alternately along horizontal and vertical direction.

ADVANTAGE - Improves variation in change in speed between panels sharply. Obtains **scroll** screen with less distortion.

Dwg.1/5

Title Terms: SCAN; SYSTEM; SCALE; LED; DISPLAY; APPARATUS; DISPLAY;  
CHARACTER; GRAPHIC; ADVERTISE; NEWS; COMBINATION; SCAN; PROCESS;  
HORIZONTAL; VERTICAL; DIRECTION; SCAN; PERFORMANCE; ALTERNATE; HORIZONTAL  
; VERTICAL; DIRECTION  
Derwent Class: P85; T04; U12  
International Patent Class (Main): G09G-003/32  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): T04-H03B; T04-H03C1; U12-A01A3; U12-A01A6

11/9/18 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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009770998 \*\*Image available\*\*  
WPI Acc No: 1994-050849/199407  
XRPX Acc No: N94-040062

**Method and apparatus for inspecting objects e.g vehicle components - uses sensors to measure parameters of standard object which serves as reference and checking program is produced for objects to be inspected using a number of computer programs**

Patent Assignee: HONDA GIKEN KOGYO KK (HOND )  
Inventor: KUMITA Z; NAGANO H; TAKAKURA K  
Number of Countries: 002 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2270166	A	19940302	GB 939679	A	19930511	199407 B
US 5477446	A	19951219	US 9359531	A	19930512	199605
GB 2270166	B	19960417	GB 939679	A	19930511	199619

Priority Applications (No Type Date): JP 92230275 A 19920828

#### Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2270166	A	105	G01M-019/00	
US 5477446	A	56	G05B-021/00	
GB 2270166	B	1	G01M-019/00	

#### Abstract (Basic): GB 2270166 A

The hard disc(HD) stores programs which create checking programs which have been produced for every works to be checked(e.g. steering unit). The programs include e.g. an interface setting program for setting the **dynamic** range of hardware electrically connected with th output of a sensor, a decision value setting program for setting a decision value indicative of whether a work is defective and a display screen setting program for displaying an inspection status at the time that each work to be inspected delivered in a lot is automatically checked.

Therefore, the programs used a sa basis for creating checking programs are converted into a **text** and **graphic** forms and displayed on a CRT(14). When the operator selects a set of 10 keys **displayed** on th CRT **simultaneously** with the **display** of the converted information using a touch panel(16) disposed on the CRT(14), the parameters are set to the base programs so the respective programs are completed.

USE/ADVANTAGE - Inspecting vehicle parts, e.g. engine firing unit. Checking program can be easily and immediately produced without need for special knowledge about software by setting conditions for inspection to a pre produced program.

Dwg.2/44

#### Abstract (Equivalent): GB 2270166 B

A method of inspecting a work, comprising: a first step of displaying, on displaying means, programs serving as a base for creating a checking program for each work to be checked, and producing programs defining measuring conditions and a measuring method for inspecting a standard work serving as a reference based on parameters set by inputting means to said programs serving as the base; a second step of collecting data obtained by measuring said standard work using at least one sensor in accordance with said measuring conditions and said measuring method; a third step of displaying said data obtained in said second step and producing, based on said data, a program defining a method for determining whether any work to be checked is defective; a fourth step of completing a checking program for each of ther works to be inspected conveyed in a lot, based on said programs produced in said first step and said programs produced in said third step; and a fifth step of inspecting each of the works conveyed in said lot based on said completed checking program.

Dwg.1

#### Abstract (Equivalent): US 5477446 A

A method of performing a quality inspection of workpieces, comprising the steps: a first step of displaying, on CRT display device, for each of a number of test items, previously created base measurement programs for creating a quality inspection program for each of workpieces to be quality inspected, selecting necessary test item measurement programs from among the base measurement programs, and setting parameters for the selected test item measurement programs; a second step of producing programs of measuring conditions and methods for inspecting a standard reference object, based on the parameters set to the test item measurement programs; a third step of collecting measurement data obtained by measuring the standard reference object using at least one sensor in accordance with the measuring conditions and methods; a fourth step of displaying the measurement data obtained in the third step and producing an original program, from conditions determined by the measurement data, for conducting a method of determining whether each of the workpieces to be quality inspected is

defective; a fifth step of completing a quality inspection program for each of the workpieces to be inspected and conveyed in a lot, based on the programs produced in the second step and the program produced in the fourth step; and a sixth step of inspecting each of the workpieces conveyed in the lot based on the completed quality inspection program.

(Dwg.1/44)

Title Terms: METHOD; APPARATUS; INSPECT; OBJECT; VEHICLE; COMPONENT; SENSE; MEASURE; PARAMETER; STANDARD; OBJECT; SERVE; REFERENCE; CHECK; PROGRAM; PRODUCE; OBJECT; INSPECT; NUMBER; COMPUTER; PROGRAM

Derwent Class: S02; T01

International Patent Class (Main): G01M-019/00; G05B-021/00

File Segment: EPI

Manual Codes (EPI/S-X): S02-J09; T01-J08A

11/9/19 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008270407

WPI Acc No: 1990-157408/199021

XRPX Acc No: N90-122365

Communications data. maintenance diagnostic and training system - has hand-held unit and infrared communication satellite to provide for data interchange between computers

Patent Assignee: TEXAS INSTR INC (TEXI )

Inventor: LUEDERS W R; MCCAIN J H; WEBB E R; MCCAIN J

Number of Countries: 007 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 369188	A	19900523	EP 89119495	A	19891020	199021 B
JP 2257731	A	19901018	JP 89281614	A	19891027	199048
US 5309351	A	19940503	US 88263679	A	19881027	199417
			US 91808036	A	19911212	
			US 92939565	A	19920902	
EP 369188	B1	19951227	EP 89119495	A	19891020	199605
DE 68925271	E	19960208	DE 625271	A	19891020	199611
			EP 89119495	A	19891020	
US 6129449	A	20001010	US 88263679	A	19881027	200052
			US 91808036	A	19911212	
			US 92939565	A	19920902	
			US 9390354	A	19930712	
			US 95389087	A	19950214	

Priority Applications (No Type Date): US 88263679 A 19881027; US 91808036 A 19911212; US 92939565 A 19920902; US 9390354 A 19930712; US 95389087 A 19950214

Cited Patents: 1.Jnl.Ref; A3...9105; DE 3232015; GB 2126758; NoSR.Pub; US 4259746

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 369188	A				
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Designated States (Regional): DE FR GB IT NL

US 5309351	A	12	G06F-015/46	Cont of application US 88263679
				Cont of application US 91808036

EP 369188	B1 E	14	G05B-019/418	
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Designated States (Regional): DE FR GB IT NL

DE 68925271	E		G05B-019/418	Based on patent EP 369188
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US 6129449	A		G06F-015/00	Cont of application US 88263679
				Cont of application US 91808036
				Div ex application US 92939565
				Cont of application US 9390354
				Div ex patent US 5309351

Abstract (Basic): EP 369188 A

The hand held device includes a microprocessor that has an architecture that supports a 8-bit data bus and an address bus capable of direct access to one megabyte of RAM memory including 64 kbytes of

Input/Output space mapped into low order RAM memory. The architecture may be logically expanded to 16 and 32 bit devices. A boot ROM contains initialisation and system configuration information which is used at power turn-on. A DRAM of **dynamic** random access memory space is used for storage for operating programs. Page mode EPROM devices are mapped into the I/O space and can be used to store up to 256 KBytes of user program. These devices are configured as a ROM-disk device by the system software. A liquid crystal display operates in conjunction with an LCD control methodology. The LCD control includes two LCD controllers operating synchronously to provide split screen operation, providing capability if **simultaneous text and graphics display**.

A Display Touch Scanner is used to scan the surface of the display to determine where and when the display has been touched, to provide touch input to the system, and to control the operation sequence for various applications of the invention. An optical compact disc (CD) provides a vast storage for supporting a data base used in the invention.

USE/ADVANTAGE - Data such as **text** and **graphic** information is stored for use in applications such as training, maintenance, and repair of equipment. The graphic information may be displayed in static or animated form.

Dwg.1/8

Abstract (Equivalent): EP 369188 B

A data and communication system providing interchange of data between a host computer (13), individual personal computers (15), factory machinery including process controllers (14), a portable computing unit (17), and other controller/computing equipment and devices, said system comprising a host computer (13) interconnected with a network of interface units (12) connecting other computers (15) and factory machine/process controllers (14, 16), said network of interface units includes an infrared link in a wireless network which includes at least one satellite unit (10), including a transmitter (21) for transmitting data via infrared signals, a receiver (22) for receiving data via infrared signals, an encoder/decoder (23) to identify from which unit data is received or to which unit data is to be sent and to implement or remove the encoding protocol of the data **stream**, a controller unit (24) for processing data relayed through the satellite and controlling the operation of the wireless network, and one or more interface circuits (12) for interfacing the satellite (10) with various communications networks, said satellite unit (10) coupled to the network of interface units for communicating with at least one of the self-contained portable computing units (17), said infrared link for communicating with a self-contained portable computing unit (17) for two-way communication with said host computer (13), other computers (15) and machine/process controllers (14, 16), a communication link providing for two-way data transfer and control between each of said host computer (13), other computers (15), machine/process controllers (14, 16) and said self-contained portable computing unit (17), the system being characterised in that said satellite unit (10) further includes alarm circuits interconnected with said machine/process controllers (14, 16) to indicate a machine/process out-of-parameter indication, an interface circuit with said alarm circuit for communicating an alarm signal to the network of interface circuits to the computers (15) and to the portable computing unit (17), wherein a machine/process out-of-parameter indication communicated to said portable computing unit (17) includes information to identify the machine/process having an out-of-parameter condition, and an indication of what constitutes the out-of-parameter condition.

(Dwg.1/8

Abstract (Equivalent): US 5309351 A

A data and communications system, comprises, a host computer interconnected with a network of interface units connecting other computers and factory machine/process controllers. The network of interface units includes an infrared link in a wireless network which includes at least one satellite unit including a transmitter for transmitting data via infrared signals, and a receiver for receiving data via infrared signals. An encoder/decoder identifies from which

unit data is received or to which unit data is to be sent and implements or removes the encoding protocol of the data **stream** . A controller unit processes data relayed through the satellite and controls the operation of the wireless network.

One or more interface circuits interface the satellite with various communications networks. The satellite unit is coupled to the network of interface units for communicating with at least one of the self-contained portable computing units. The infrared link communicates with a self-contained portable computing unit for two-way communication with the host computer, other computers and machine/process controllers, and a communications link provides for two-way data transfer and control between each of the host computer, other computers, machine/process controllers and the self-contained portable computing unit.

USE - For providing interchange of data between host computer, individual personal computers, factory machinery, including process controllers, a portable computing unit, and other controller/computing equipment and devices.

Dwg.1/8

Title Terms: COMMUNICATE; DATA; MAINTAIN; DIAGNOSE; TRAINING; SYSTEM; HAND; HELD; UNIT; INFRARED; COMMUNICATE; SATELLITE; DATA; INTERCHANGE; COMPUTER  
Derwent Class: T06; W01; W02; W04  
International Patent Class (Main): G05B-019/418; G06F-015/00; G06F-015/46  
International Patent Class (Additional): G05B-019/406; G05B-019/408;  
G05B-019/41; H04L-012/28  
File Segment: EPI  
Manual Codes (EPI/S-X): T06-A07; W01-A06C; W02-C04; W04-W09

11/9/20 (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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008152286 \*\*Image available\*\*  
WPI Acc No: 1990-039287/199006  
XRPX Acc No: N90-030188

**Image processor for simultaneous multiple pictures - generates stream of luminance and colour-difference signals which are digitised, processed and decoded to form control signal**

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU )  
Inventor: CHOI H S; KIM Y J; SIM D Y; CHOI H; KIM Y; SIM D; CHOE Y  
Number of Countries: 004 Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2221593	A	19900207	GB 8915739	A	19890710	199006 B
JP 2065590	A	19900306	JP 89176950	A	19890707	199015
US 5016106	A	19910514	US 89359129	A	19890531	199122
GB 2221593	B	19930106	GB 8915739	A	19890710	199301
KR 9510887	B1	19950925	KR 888465	A	19880708	199847

Priority Applications (No Type Date): KR 888465 A 19880708

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2221593	A		36		
US 5016106	A		19		
GB 2221593	B			H04N-005/45	
KR 9510887	B1			H04N-005/45	

Abstract (Basic): GB 2221593 A

The processing circuit displays sub-pictures which have different image signal sources on a common screen. It generates a **stream** of luminance and colour-difference signals which are converted to digital signals and processed under control of a microcomputer linked to keyboard. A dual-port memory stores the signals which are converted to analogue for display. Several sub-pictures may be inset into a main picture by operation of the keyboard.

A command decoder is connected with the microcomputer and decodes data to identify if it is a multiple picture selecting signal, and



thereby produces a control signal for performing a read/write function according to the identification.

USE/ADVANTAGE - For picture-in-picture television sets, VTRs. Simplifies control timing signal generation and PIP process.

1/6

Abstract (Equivalent): GB 2221593 B

A picture signal processing circuit for producing multiple pictures **simultaneously** on a **display** screen associated with a television receiver, video tape recorder or the like which is provided with a synchronising signal separator and oscillator, said circuit comprising: a keyboard or remocon capable of inputting an instruction **word** representing a multiple **picture** mode established by a user; a microcomputer which checks the instruction **word** for processing the multiple **picture** mode input through said keyboard or remocon, produces clock and pulses data for processing the multiple pictures, and recognises whether or not said data is effective by data received through a strobe line; a controller which receives vertical and horizontal synchronising signals of a main picture and sub-pictures output from a synchronising separator for the video signal and receives a first and a second reference frequency produced in an oscillator, thereby to control the displaying of multiple pictures on a monitor by data output from said microcomputer; an analog switching device means for selecting and inputting a luminance signal Y and colour difference signals B-Y and R-Y in the sequence R-Y - Y - Y - B-Y - Y - Y by means of switching signals output from the controller, for selecting the luminance signal Y and colour difference signals B-Y and R-Y; an analog/digital converter for converting the output data of the analog switching device into digital data in response to a sampling clock signal on a clock terminal in the A/D converter, which sampling clock signal is output from the controller; a dual-port memory provided with two ports of input/output terminals, which can access independently from each port bidirectionally, receives signals DT, CAS, RAS, WE and SC through lines connected with the controller and generated in response to the vertical and horizontal synchronising signals of the main picture and the sub-picture, stores and reads the video signal digitised by said analog/digital converter through the access ports in accordance with the window of the designated multiple picture, and outputs corresponding video data to a serial port by a control signal output through a random port from said controller; first, second and third D/A converters for dividing the digital data output from said dual-port memory into the luminance signal and colour difference signals in accordance with D/A conversion sampling produced from said controller, thereby converting the data into an analog signal; and a colour encoder for encoding, by a sub-picture position determining signal and a pedestal clamping signal of the composite synchronising signal output from said controller, the array signals produced in said first, second and third D/A converters with the main picture video signal, thereafter to display it in the form of a multiple picture.

(Dwg.1

Abstract (Equivalent): US 5016106 A

The image processing circuit digitalises an original image analog signal by use of a corresp. sampled signal upon a multiple picture processing, saves the digitalised data almost simultaneously, and uses a dual-port memory for reading the data. The circuit simplifies the generating process of a control timing signal and renders the PIP process easy to carry out, when controlling the dual-port memory by read-write operation. The apparatus includes a keyboard or remocon for data input/output, a microcomputer for controlling the entire process, a controller for controlling display processes, an analog switching device, an A/D converter for converting the analog signal to a digital signal, a dual-port memory for dealing with VFIgW i SilS three D/A converters for converting digital data to analog data. USE - For displaying sub-pictures which have different image signal sources on common screen.

(19pp)

Title Terms: IMAGE; PROCESSOR; SIMULTANEOUS; MULTIPLE; PICTURE; GENERATE; **STREAM** ; LUMINOUS; COLOUR; DIFFER; SIGNAL; DIGITAL; PROCESS; DECODE; FORM ; CONTROL; SIGNAL

Index Terms/Additional Words: PIP  
Derwent Class: W03; W04  
International Patent Class (Main): H04N-005/45  
International Patent Class (Additional): H04N-009/74  
File Segment: EPI  
Manual Codes (EPI/S-X): W03-A13; W04-B10; W04-F01

11/9/21 (Item 15 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007487284 \*\*Image available\*\*  
WPI Acc No: 1988-121217/198818  
XRPX Acc No: N88-092012

**User-accessible data memory for calculator - responds to object type  
identifiers of objects in memory stack for execution according to logical  
syntax**

Patent Assignee: HEWLETT-PACKARD CO (HEWP )  
Inventor: EISENSTEIN G L; GRODD L W; MCCLELLAN P J; MILLER R M; PATTON C M;  
WICKES W C

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 266144	A	19880504	EP 87309418	A	19871026	198818 B
US 4885714	A	19891205	US 86923933	A	19861027	199006
EP 266144	B1	19940601	EP 87309418	A	19871026	199421
DE 3789934	G	19940707	DE 3789934	A	19871026	199427
			EP 87309418	A	19871026	

Priority Applications (No Type Date): US 86923933 A 19861027

Cited Patents: 3.Jnl.Ref; A3...9018; No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 266144	A	E	24		
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Designated States (Regional): DE FR GB

US 4885714	A		21		
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EP 266144	B1	E	27	G06F-009/44	
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Designated States (Regional): DE FR GB

DE 3789934	G			G06F-009/44	Based on patent EP 266144
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Abstract (Basic): EP 266144 A

The calculator provides a section with keys for entering alphanumeric symbols and another section with a display. Multifunction keys have functions which are defined by a respective menu label displayed directly above the key in the bottom character row of the display. Individual mathematical or logical entities referred to as objects are arranged to be displayed and manipulated using a last-in first-out stack of indefinite size. Each object maybe a datum, a name or a procedure.

Uniformly structures objects are mixed in the object memory with object pointers. The objects address prologues for object execution sequences stored in the memory. Pointers are arranged to indicating selectively to objects or to address object pointers.

ADVANTAGE - Stock objects include real-valued or complex-valued pointers, real-or complex-valued vectors or matrices, **text** character strings, lists of objects, **identifiers** (names) and procedure objects containing sequences of objects for evaluation.

1A/7

Abstract (Equivalent): EP 266144 B

An electronic calculator, comprising: a memory (RAM 1, RAM 2, 203, 204) including a data stack (305); objects in said memory (RAM 1, RAM 2, 203, 204) each object having an object type identifier, each object having a logical syntax; menus of individual programs (LOG, ALOG, LN, etc.) of object execution concordant with the syntax of individual objects in said memory, each program having an identifier (LOG, ALOG, LN, etc.) of its program of object execution; a user interface (101, 102, 202) for accessing said memory (RAM 1, RAM 2, 203, 204)

and a display device (103) for displaying items accessed from memory; a first user operated portion (107,113) of said user interface (101,102) for selecting and **displaying together** a plurality of user readable identifiers (LOG, ALOG, LN, etc.) of programs of object execution from said memory, (RAM 1, RAM 2, 203, 204), which programs of object execution are concordant with the syntax of a user selected class of object types; a second user operated portion (104) of said user interface (101,102) for selecting and displaying a user readable identifier of a single program of object execution from said plurality of programs of object execution, which single program of object execution is concordant with the syntax of a user selected object; a third user operated portion of said user interface for accessing said memory means for selecting and displaying the terms of said selected object type as a mathematical expression  $\text{Ln}(2.3+1)$  in user readable form; and a fourth user operated portion (ENTER, 105) of said user interface for entering said selected expression  $\text{Ln}(2.3+1)$  for processing on said data stack and shifting said mathematical expression on said display (103) to indicate to a user that the mathematical expression has been entered on the data stack (305).

(Dwg. 1a/7b)

Abstract (Equivalent): US 4885714 A

A calculator is defined by a user-interface centered around a last in first out stack of mathematical or logical objects, that is both visible and accessible to a user. Objects may be of any of a number of different types, each type characterized by specific logical or mathematical rules.

Calculator operations are provided that may be applied in a uniform manner to the objects, affecting either or both the internal composition of the objects or the external positions and number of the objects on the stack. Objects of different types are distinguished upon entry on the stack and in visible display by characteristic prefix and postfix symbols, and can be entered from a keyboard or created **dynamically** as the result of calculator operation. ADVANTAGE - Can apply mathematical functions to formal variables or unevaluated expressions.

(21pp)

Title Terms: USER; ACCESS; DATA; MEMORY; CALCULATE; RESPOND; OBJECT; TYPE; IDENTIFY; OBJECT; MEMORY; STACK; EXECUTE; ACCORD; LOGIC; SYNTAX

Derwent Class: T01

International Patent Class (Main): G06F-009/44

International Patent Class (Additional): G06F-015/02

File Segment: EPI

Manual Codes (EPI/S-X): T01-J01

11/9/22 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004579780

WPI Acc No: 1986-083124/198613

XRPX Acc No: N86-060750

**Computer colour display system for text and graphics - has red green and blue bit map memories, pattern ROM, character generator and control microprocessor**

Patent Assignee: HONEYWELL INFORM SYSTEMS INC (HONE )

Inventor: BRUCE K E; HOLTEY T O

Number of Countries: 016 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 175340	A	19860326	EP 85111731	A	19850917	198613 B
AU 8547521	A	19860327				198620
NO 8503633	A	19860414				198622
DK 8504218	A	19860318				198624
FI 8503550	A	19860318				198633
ES 8708077	A	19871116	ES 547008	A	19850916	198751
US 4724431	A	19880209	US 84650941	A	19840917	198809
CN 8507554	A	19870415				198827

CA 1249677	A	19890131	198912
EP 175340	B	19910612	199124
DE 3583196	G	19910718	199130

Priority Applications (No Type Date): US 84650941 A 19840917  
 Cited Patents: A3...8720; EP 108516; No-SR.Pub; WO 8302509; NoSR.Pub  
 Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 175340	A	E	14		

Designated States (Regional): CH DE FR GB IT LI NL SE  
 EP 175340 B  
 Designated States (Regional): CH DE FR GB IT LI NL SE

Abstract (Basic): EP 175340 B

Each bit map RAM (101-103) stores graphics image data for a 720 by 300 pixels screen image in eight 64K by one DRAM. Control signals from a mode control register (18) are applied to select a required display pattern from a ROM (16) storing e.g. diagonal lines, dotted areas. The bit map memory planes (101-103) are addressed through a multiplexer (4) from a row address/column address selector (6) or from an interface address device (23).

Data from the bit map planes are buffered (104-109) and serialised in shift registers (110-112) before being applied to a text mix PROM (123). Text data to be displayed are read from a RAM (115) into a character generator (119) of which the output is supplied to the text mix PROM (123).

ADVANTAGE - **Graphics** and **text** are displayed in different colours and colours additional to those of bit map memories are derived by combining signals from those bit maps. (14pp Dwg.No.1/3)

Abstract (Equivalent): EP 175340 B

Computer display system for producing colour **text** and **graphics** comprising first storage means for storing graphic pixels (bits) and character generator means for generating text signals, characterised in that the said graphic pixels are representative of graphic display images, each image being identical and in a predetermined different colour, and the said text signals are representative of alphanumeric text in monochrome colour, said display system being further characterised by a second storage means (123) coupled to said first storage means (101,102,103) and said character generator means (119) and being responsive to the said **graphic** pixels and the said **text** signals in addressing the said second storage means (123) for generating colour mixed signals for presentation on a colour CRT for the display of colour **graphics** and colour **text** either individually or intermixed on the same display CRT, and a mode control means (18) for generating display enabling signals which mode control means is also coupled to the said second storage means (123) in performing an addressing function and is provided for converting monochrome text to colour text within the said second storage means (123) and for enabling individual or **combined display** of **text** and **graphics** . (13pp)

Abstract (Equivalent): US 4724431 A

The display system includes three bit map memories which store graphics information for different colours, one character generator driven from a text memory for display of text, and an attribute memory for storing display characteristics such as inverse video and blinking. The contents of the bit map and attribute memories and the output of the character generator are used to address a pre-programmed ROM.

The output from the ROM is a string of three bit words with each bit **stream** representing a primary colour on a colour CRT and being connected to the associated colour input to the CRT. Composite **graphics** and **text** are displayed on the CRT. (8pp)e

Title Terms: COMPUTER; COLOUR; DISPLAY; SYSTEM; TEXT; GRAPHIC; RED; GREEN; BLUE; BIT; MAP; MEMORY; PATTERN; ROM; CHARACTER; GENERATOR; CONTROL; MICROPROCESSOR

Derwent Class: P85; T04

International Patent Class (Additional): G06F-003/15; G09G-001/28

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T04-H01B

11/9/23 (Item 17 from file: 350)  
DIALOG(R)File 350:Derwent.WPIX  
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004517728

WPI Acc No: 1986-021072/198604

XRPX Acc No: N87-159934

Digital raster scan display system - has displayed image corresp. to  
compared stream made transparent at areas corresp. to compared colour

Patent Assignee: IBM CORP (IBMC )

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BR 8501646	A	19851203				198604 B
US 4682297	A	19870721	US 85716008	A	19850326	198731
CA 1236600	A	19880510				198823
KR 8902958	B	19890814				199030

Priority Applications (No Type Date): JP 8473127 A 19840413

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
BR 8501646	A		10		

Abstract (Basic): BR 8501646 A

The raster scan displays system comprises two memories for storing display data. An access simultaneously reads data from the first and second memories to provide respective streams of picture element data groups for display on a raster scan display device. A switch controller is coupled to the memories to receive the streams of data and to a data processing device to receive from it data group representing a selected picture element value and having an output carrying signals indicative of equality or inequality between each picture element group in a selected one of the streams and the selected picture element value data.

The first multiplexer is coupled to receive the streams and has a control input responsive to the output to select one or the other picture element group in each pair of corresponding groups in the respective streams in accordance with the corresponding indicative signal for passage through the multiplexer towards the raster scan display device.

USE - To provide movement to images and to windows images to display various texts or graph in single displayed image . (First major country equivalent to BR8501646)

Abstract (Equivalent): US 4682297 A

The raster scan displays system comprises two memories for storing display data. An access simultaneously reads data from the first and second memories to provide respective streams of picture element data groups for display on a raster scan display device. A switch controller is coupled to the memories to receive the streams of data and to a data processing device to receive from it data group representing a selected picture element value and having an output carrying signals indicative of equality or inequality between each picture element group in a selected one of the streams and the selected picture element value data.

The first multiplexer is coupled to receive the streams and has a control input responsive to the output to select one or the other picture element group in each pair of corresponding groups in the respective streams in accordance with the corresponding indicative signal for passage through the multiplexer towards the raster scan display device.

USE - To provide movement to images and to windows images to display various texts or graph in single displayed image . (First major country equivalent to BR8501646)

Dwg.1/9

Title Terms: DIGITAL; RASTER; SCAN; DISPLAY; SYSTEM; DISPLAY; IMAGE;  
CORRESPOND; COMPARE; STREAM ; MADE; TRANSPARENT; AREA; CORRESPOND;  
COMPARE; COLOUR

Derwent Class: P85; T01; T04  
International Patent Class (Additional): G06F-003/18; G09G-001/00  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): T01-C04A; T04-H01B

11/9/24 (Item 18 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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004191943  
WPI Acc No: 1985-018823/198504  
XRPX Acc No: N85-013696

Alphanumeric combination text and picture display system -  
supplements information conveyed with simultaneously displaced  
photographic or poster type picture using signal processor

Patent Assignee: DOLEJSI E (DOLE-I)  
Inventor: ARCHER R  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 1179796	A	19841218	CA 436046	A	19830902	198504 B

Priority Applications (No Type Date): CA 436046 A 19830902

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 1179796	A	20		

Abstract (Basic): CA 1179796 A

A matrix or segmented pattern of discreet light source devices is provided and which allows the forming of illuminated characters when an appropriate selection of individual light source devices is simultaneously energised. A memory stores and provides appropriate electrical signal instructions governing the selection and timing of the energising cycle for each light source device. An encoding device programs the memory. A signal processor processes signals from the memory and translates the signals into timed and distributed electrical control signals for the light source devices.

A series of electrical switching circuits receive electrical control signals from the processor and switch on power to temporarily energise the desired selection of light source devices and produce the corresp. specific illuminated characters as originally entered to the encoding device. A picture retaining circuit is provided for holding, to be displayed, a series of individual pictures. A picture illumination device individually illuminates pictures in the picture retaining circuit. Selective illumination of one or more pictures in the picture retaining circuit is provided for.

USE/ADVANTAGE - Selectively generates text of any practical length, and which includes dynamic alpha/numeric message.

1/3

Title Terms: ALPHANUMERIC; COMBINATION; TEXT; PICTURE; DISPLAY; SYSTEM;  
SUPPLEMENT; INFORMATION; CONVEY; SIMULTANEOUS; DISPLACE; PHOTOGRAPH;  
POSTER; TYPE; PICTURE; SIGNAL; PROCESSOR

Derwent Class: P85; S06; T04  
International Patent Class (Additional): G09G-003/00  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): S06-B06; S06-B09; T04-H03B

?

Set	Items	Description
S1	1153928	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	5088	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	353371	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	2526332	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	35406	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	3821	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	319944	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL? OR TEXTSCROLL? OR NEWSROLL?
S8	2201	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	10605	S1-S2(5N)S3
S10	267	S9 AND S5-S6
S11	24	S10 AND S7-S8
S12	22	S8 AND S1-S2(10N)S3(5N)S4
S13	22	S12 NOT S11

?t13/9/all

**13/9/1 (Item 1 from file: 344)**  
DIALOG(R)File 344:CHINESE PATENTS ABS  
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4232575  
**TERMINAL COMMUNICATION METHOD AND DEVICE BASED ON TELEPHONE LINE**  
Patent Assignee: JINMENQIAO COMPUTER NETWORK CO (CN)  
Author (Inventor): YIHUI DENG (CN); ANMIN CHEN (CN)  
Number of Patents: 000  
Patent Family:  

CC Number	Kind	Date
CN 1262576	A	20000809 (Basic)

Application Data:  

CC Number	Kind	Date
*CN 99101454	A	19990129

Abstract: A terminal communication method based on telephone line features that the input codes and/or prestored codes are transmitted through telephone line, the signals received from telephone line are stored, and the received data is processed and displayed in character or graphics mode. With said method and equipment, bidirectional data communication can be realized to provide speech words and graphicsto users with high efficiency. Such jobs as hook-up,outgoing, signal sound detection, etc can be automatically performed. The dynamic trade, storage and graphic-character display can also be completed automatically.  
IPC: H04M-011/00

**13/9/2 (Item 1 from file: 347)**  
DIALOG(R)File 347:JAPIO  
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02878071  
METHOD FOR CONVERTING DRAWING DATA

PUB. NO.: 01-175671 [JP 1175671 A]  
PUBLISHED: July 12, 1989 (19890712)  
INVENTOR(s): YAMAMOTO YOSHIYUKI  
MURAHASHI YOSHIMITSU  
APPLICANT(s): NIPPON STEEL CORP [000665] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 62-333976 [JP 87333976]  
FILED: December 29, 1987 (19871229)

INTL CLASS: [4] G06F-015/60  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 943, Vol. 13, No. 452, Pg. 166,  
October 12, 1989 (19891012)

#### ABSTRACT

PURPOSE: To increase the degree of freedom and the efficiency of a data conversion by making the graphic data of an intermediate file into basic element data, editing partitioning data and editing data.

CONSTITUTION: Drawing data to store to an intermediate file is basic element data, which a converting source **graphic** is classified to a basic **graphic** element, a dimension line element and a **text** element, editing partitioning data, which the **graphic** is classified to a drawing, a **graphic** bloc, a **view** and a graphic group, moreover, a block graphic insertion to indicate the **graphic** on a **graphic** surface, an attribute **investment** and editing data to indicate a text editing. Consequently, the decomposition, the interpreting and reassembling of the connection of a record and the data for making a converter become extremely easy. Thus, the universal applicability is high, and the exchange of the data, which the graphic group and the attribute are combined, between the application of the same trade different kind, which is automatic design, material estimation, manufacturing design and so on, is made easy.

13/9/3 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014135396 \*\*Image available\*\*

WPI Acc No: 2001-619607/200172

XRFX Acc No: N01-462141

**Solid state image pick-up e.g. CCD sensor, bonds bonding resin  
between wiring board and image pick-up except between image pick-up  
area and transparent substrate**

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001085653	A	20010330	JP 99258456	A	19990913	200172 B

Priority Applications (No Type Date): JP 99258456 A 19990913

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001085653	A		9	H01L-027/14	

Abstract (Basic): JP 2001085653 A

NOVELTY - Wiring board (12) is bonded on transparent substrate (11) via bonding resin. A solid state image pick-up (13) is mounted on wiring pattern of the board (12). A bonding resin (14) is bonded between the board (12) and pick-up (13), except in the portion between image pick-up area (13a) of the pick-up (13) and the substrate (11).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for solid state image pick-up manufacturing method.

USE - In e.g. CCD sensor, oscillating sensor.

ADVANTAGE - Reduces rate of condensing of light of micro lens distributed in image pick-up area. Prevents degradation of characteristic of image pick-up.

DESCRIPTION OF DRAWING(S) - The figure **shows** the top sectional **views** of **image** pick-up. (Drawing includes non-English language **text** ).

Substrate (11)  
Wiring board (12)  
Solid state image pick-up (13)  
Image pick-up area (13a)  
Bonding resin (14)  
pp; 9 DwgNo 1/8

Title Terms: SOLID; STATE; IMAGE; PICK; UP; CCD; SENSE; BOND; BOND; RESIN;  
WIRE; BOARD; IMAGE; PICK; UP; IMAGE; PICK; UP; AREA; TRANSPARENT;



SUBSTRATE  
Derwent Class: U13; W04  
International Patent Class (Main): H01L-027/14  
International Patent Class (Additional): H01L-023/29; H01L-023/31;  
H04N-005/335  
File Segment: EPI  
Manual Codes (EPI/S-X): U13-A01; U13-D04A; W04-M01B5

13/9/4 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014129026 \*\*Image available\*\*  
WPI Acc No: 2001-613236/200171  
XRPX Acc No: N01-457914

**Solid-state image pick-up device has solid-state image pick-up element with preset bond energy between electrons and holes in image pick-up area**

Patent Assignee: HAMAMATSU PHOTONICS KK (HAMM )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001169193	A	20010622	JP 99354841	A	19991214	200171 B

Priority Applications (No Type Date): JP 99354841 A 19991214

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001169193	A		8	H04N-005/335	

Abstract (Basic): JP 2001169193 A

NOVELTY - Image pick-up device (10) has photocathode (PC) emitting electrons which are accelerated inside vacuum vessel (VE) and made to collide on semiconductor image pick-up areas (1i) of solid-state image pick-up element (1) made of silicon. Threshold voltage (VTH) is impressed between photocathode and image pick-up element during electron multiplication. Bond energy between electrons and holes in image pick-up area is set to 3.6 eV.

DETAILED DESCRIPTION - Electrons generated from image pick-up area are input to an amplifier provided in solid-state image pick-up element, to output pixel signals.

USE - Solid-state image pick-up device with electron bombardment type multiplier tube.

ADVANTAGE - By setting bond energy between electrons and holes in semiconductor image pick-up element to 3.6 eV, the low energy beam image is also detected and quality image can be obtained.

DESCRIPTION OF DRAWING(S) - The figure shows the arrangement of solid-state image pick-up device. (Drawing includes non-English language text).

Image pick-up element (1)

Image pick-up areas (1i)

Image pick-up device (10)

pp; 8 DwgNo 1/2

Title Terms: SOLID; STATE; IMAGE; PICK; UP; DEVICE; SOLID; STATE; IMAGE; PICK; UP; ELEMENT; PRESET; BOND; ENERGY; ELECTRON; HOLE; IMAGE; PICK; UP; AREA

Derwent Class: V05  
International Patent Class (Main): H04N-005/335  
International Patent Class (Additional): H01J-029/45; H01J-031/26;  
H01L-027/14  
File Segment: EPI  
Manual Codes (EPI/S-X): V05-D02; V05-K01

13/9/5 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014091115     \*\*Image available\*\*  
WPI Acc No: 2001-575329/200165  
XRPX Acc No: N01-429110

**Image processing system prohibits transmission of image to destination,  
if electronic watermark is embedded in the image**

Patent Assignee: CANON KK (CANO )  
Number of Countries: 001    Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001218042	A	20010810	JP 200022960	A	20000131	200165    B

Priority Applications (No Type Date): JP 200022960 A 20000131

Patent Details:  
Patent No    Kind    Lan    Pg    Main IPC    Filing Notes  
JP 2001218042    A            7    H04N-001/40

Abstract (Basic): JP 2001218042 A

NOVELTY - A judgment unit judges whether electronic watermark is embedded in image read by a reading handling stage. A controller prohibits transmission of the image to designated destination, if electronic watermark is embedded in the image.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Image processor;
- (b) Control method of image processor;
- (c) Control method of image processing system

USE - **Image** processing system with original document such as bank note, **securities**, counterfeit prevention function.

ADVANTAGE - As image transmission is controlled if electronic watermark information is embedded in image, counterfeit is prevented.

DESCRIPTION OF DRAWING(S) - The figure **shows** the flowchart explaining the operation of **image** processing system. (Drawing includes non-English language **text** ).

pp; 7 DwgNo 3/3

Title Terms: IMAGE; PROCESS; SYSTEM; PROHIBIT; TRANSMISSION; IMAGE; DESTINATION; ELECTRONIC; WATERMARK; EMBED; IMAGE

Derwent Class: P84; S06; T01; W02

International Patent Class (Main): H04N-001/40

International Patent Class (Additional): G03G-021/04; G06T-001/00; H04N-001/00; H04N-001/387

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): S06-A03; S06-A16A; T01-J10B2; W02-J03A2B

13/9/6        (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014091113     \*\*Image available\*\*  
WPI Acc No: 2001-575327/200165  
XRPX Acc No: N01-429108

**Image processor for scanner, copier, printer, converts input image which  
is distinguished as specific image, into a different image that confirms  
content**

Patent Assignee: CANON KK (CANO )  
Number of Countries: 001    Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001218007	A	20010810	JP 200021435	A	20000131	200165    B

Priority Applications (No Type Date): JP 200021435 A 20000131

Patent Details:  
Patent No    Kind    Lan    Pg    Main IPC    Filing Notes  
JP 2001218007    A            10    H04N-001/387

Abstract (Basic): JP 2001218007 A

NOVELTY - A conversion section converts the input image into a different image which confirms the content, when the discrimination

section distinguishes the input image as a specific image.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Image processing method;

(b) Memory medium storing image processing program

USE - For scanner, copier, printer, for use in distinguishing bank-note, stamp, **securities**, **image** information.

ADVANTAGE - Generation of inaccurate specific image is prohibited.

DESCRIPTION OF DRAWING(S) - The figure **shows** the flowchart explaining **image** processing procedure. (Drawing includes non-English language **text** ).

pp; 10 DwgNo 3/7

Title Terms: IMAGE; PROCESSOR; SCAN; COPY; PRINT; CONVERT; INPUT; IMAGE; DISTINGUISH; SPECIFIC; IMAGE; IMAGE; CONFIRM; CONTENT

Derwent Class: P75; T01; T04; W02

International Patent Class (Main): H04N-001/387

International Patent Class (Additional): B41J-029/00; G06T-001/00; H04N-001/46

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-J10; T04-G10; W02-J03A2B; W02-J04

13/9/7 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014043008 \*\*Image available\*\*

WPI Acc No: 2001-527221/200158

XRPX Acc No: N01-391273

**Image processor for securities detection apparatus, has output control unit to control output depending on identification result of identification unit**

Patent Assignee: CANON KK (CANO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001203885	A	20010727	JP 20009313	A	20000118	200158 B

Priority Applications (No Type Date): JP 20009313 A 20000118

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001203885	A		16	H04N-001/40	

Abstract (Basic): JP 2001203885 A

NOVELTY - Security marks on the bank note is identified by referring the read image data and added information is extracted. The security marks obtained from the extracted information is identified and the output of image pattern is controlled based on the identification result.

USE - For referring electronic water mark on stamp, check, bank note, etc., using securities detection apparatus.

ADVANTAGE - Security marks are accurately distinguished.

DESCRIPTION OF DRAWING(S) - The figure **shows** the diagram of **image** processor. (Drawing includes non-English language **text** ).

pp; 16 DwgNo 1/18

Title Terms: IMAGE; PROCESSOR; SECURE; DETECT; APPARATUS; OUTPUT; CONTROL; UNIT; CONTROL; OUTPUT; DEPEND; IDENTIFY; RESULT; IDENTIFY; UNIT

Derwent Class: P85; T01; T04; W02

International Patent Class (Main): H04N-001/40

International Patent Class (Additional): G06K-009/20; G06T-001/00;

G06T-007/00; G07D-007/04; G07D-007/12; G09C-005/00; H04N-001/387

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-J10B2; T04-D02; T04-D07; W02-J03A2B

13/9/8 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014042998      \*\*Image available\*\*

WPI Acc No: 2001-527211/200158

XRPX Acc No: N01-391263

**Image processor prints electronic watermark data generated based on input security-related information, on securities**

Patent Assignee: CANON KK (CANO )

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001203872	A	20010727	JP 20009312	A	20000118	200158    B

Priority Applications (No Type Date): JP 20009312 A 20000118

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001203872	A		13	H04N-001/387	

Abstract (Basic): JP 2001203872 A

NOVELTY - Electronic watermark generation unit generates electronic watermark from the input security-related information. Printing unit prints the generated electronic watermark data on securities.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Image processing method;

(b) Recording medium which recorded image processing program

USE - **Image** processor for printing electronic watermark data on **securities** like stamps, cheque, bank note.

ADVANTAGE - Information is read out accurately and the efficiency of reading operation is increased by reading electronic watermark information.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of **image** processor. (Drawing includes non-English language **text** ).

pp; 13 DwgNo 1/15

Title Terms: IMAGE; PROCESSOR; PRINT; ELECTRONIC; WATERMARK; DATA; GENERATE ; BASED; INPUT; SECURE; RELATED; INFORMATION; SECURE

Derwent Class: P85; T01; W02

International Patent Class (Main): H04N-001/387

International Patent Class (Additional): G06F-012/14; G06T-001/00;

G09C-005/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-H01C2; T01-J10; W02-J03A2B

13/9/9      (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013996457      \*\*Image available\*\*

WPI Acc No: 2001-480672/200152

XRPX Acc No: N01-356174

**Image processor for color copier, identifies whether input document is specific document or specific image is in periphery of original document based on stored processing information about specific original document**

Patent Assignee: RICOH KK (RICO )

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001177720	A	20010629	JP 99342185	A	19991201	200152    B

Priority Applications (No Type Date): JP 99287652 A 19991008

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001177720	A		8	H04N-001/40	

Abstract (Basic): JP 2001177720 A

NOVELTY - A memory (2) stores processing information about specific original document. An identification device (3) identifies whether input original document is specific document or specific document such

as stamp image is formed in periphery of original document based on the information stored in the memory.

USE - **Image** processor with stamp, banknote, **securities**, duplication prevention function for color copier, scanner and printer.

ADVANTAGE - Duplication of stamps using color copier is restricted effectively using simple technique.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of the **image** processor. (Drawing includes non-English language **text** ).

Memory (2)

Identification device (3)

pp; 8 DwgNo 1/2

Title Terms: IMAGE; PROCESSOR; COPY; IDENTIFY; INPUT; DOCUMENT; SPECIFIC;  
DOCUMENT; SPECIFIC; IMAGE; PERIPHERAL; ORIGINAL; DOCUMENT; BASED; STORAGE  
; PROCESS; INFORMATION; SPECIFIC; ORIGINAL; DOCUMENT

Derwent Class: P84; S06

International Patent Class (Main): H04N-001/40

International Patent Class (Additional): G03G-021/04

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): S06-A16

13/9/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013964262 \*\*Image available\*\*

WPI Acc No: 2001-448476/200148

XRPX Acc No: N01-332121

**Image processor for color copier, facsimile, forms image on recording medium, based on hue of image data which is modified when input data is detected to be image data of image formation prohibition article**

Patent Assignee: MURATA KIKAI KK (MURK )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001157045	A	20010608	JP 99333066	A	19991124	200148 B

Priority Applications (No Type Date): JP 99333066 A 19991124

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001157045	A		5 H04N-001/40	

Abstract (Basic): JP 2001157045 A

NOVELTY - A detector (6) detects whether input image data corresponds to image formation prohibition article. A modification unit (7) changes the hue of image data, when the input image data corresponds to image formation prohibition article. An image formation unit (2) forms an image on a recording medium, based on modified hue.

USE - **Image** processor with bank note, **securities** copy prevention function for e.g. color copier, facsimile.

ADVANTAGE - Prevents duplication of bank note and other securities without influencing other original document duplication.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of **image** processor. (Drawing includes non-English language **text** ).

Image formation unit (2)

Detector (6)

Modification unit (7)

pp; 5 DwgNo 1/3

Title Terms: IMAGE; PROCESSOR; COPY; FACSIMILE; FORM; IMAGE; RECORD; MEDIUM  
; BASED; HUE; IMAGE; DATA; MODIFIED; INPUT; DATA; DETECT; IMAGE; DATA;  
IMAGE; FORMATION; PROHIBIT; ARTICLE

Derwent Class: W02

International Patent Class (Main): H04N-001/40

International Patent Class (Additional): H04N-001/46; H04N-001/60

File Segment: EPI

Manual Codes (EPI/S-X): W02-J03A2

13/9/11 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013963257 \*\*Image available\*\*  
WPI Acc No: 2001-447471/200148  
XRPX Acc No: N01-331116

**Image comparison device for verifying record book, facilitates operator to define image area for comparison and compares defined area**

Patent Assignee: TOSHIBA KK (TOKE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001155168	A	20010608	JP 99340494	A	19991130	200148 B

Priority Applications (No Type Date): JP 99340494 A 19991130

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001155168	A		7 G06T-007/20	

Abstract (Basic): JP 2001155168 A

NOVELTY - Image comparison device facilitates the operator to define the image area which is to be compared and compares only image area that operator defines.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for image comparison procedure.

USE - **Image** comparison device for verifying record books, alterations in documents, **bonds** .

ADVANTAGE - As the operator is made to define area to be compared, easier recognition of alteration is enabled and hence time for comparison process is reduced.

DESCRIPTION OF DRAWING(S) - The figure **shows** the operation screen **displayed** by **image** comparison device. (Drawing includes non-English language **text** ).

pp; 7 DwgNo 2/5

Title Terms: IMAGE; COMPARE; DEVICE; VERIFICATION; RECORD; BOOK; FACILITATE ; OPERATE; DEFINE; IMAGE; AREA; COMPARE; COMPARE; DEFINE; AREA

Derwent Class: T01

International Patent Class (Main): G06T-007/20

International Patent Class (Additional): G06F-003/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J10B2; T01-J10C4

13/9/12 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013948200 \*\*Image available\*\*  
WPI Acc No: 2001-432414/200146  
XRPX Acc No: N01-320474

**Montage for an automated market system for trading securities including receiving additional aggregate size quotes for security using a graphical user interface to display multiple price levels**

Patent Assignee: NASDAQ STOCK MARKET INC (NASD-N)

Inventor: BERKELEY A R; KETCHUM R G; ZEIGLER A I

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122315	A2	20010329	WO 2000US25658	A	20000919	200146 B
AU 200140208	A	20010424	AU 200140208	A	20000919	200147

Priority Applications (No Type Date): US 99401875 A 19990923

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200122315	A2	E 27	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP

KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW  
AU 200140208 A G06F-017/60 Based on patent WO 200122315

Abstract (Basic): WO 200122315 A2

NOVELTY - The GUI (70) has two regions, displaying aggregated bids and offers (72) and a region with lines (72b,72c) displaying information for the next two best bids and offers (74) regardless of price difference from an inside quote. The current quote montage (74) also includes information relating to the inside bid and ask price with the aggregated total and agency amounts at that price of market makers (MM1,MM2...).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method of trading securities, for an electronic market, for a GUI and for a computer program product for operating the market.

USE - Order entry and display in electronic markets.

ADVANTAGE - Minimizing disclosure of identity of trading interests.

DESCRIPTION OF DRAWING(S) - The drawing shows an order entry GUI GUI (70)

Current quote montage (74)

pp; 27 DwgNo 4/7

Title Terms: MONTAGE; AUTOMATIC; MARKET; SYSTEM; TRADE; SECURE; RECEIVE;  
ADD; AGGREGATE; SIZE; SECURE; GRAPHICAL; USER; INTERFACE; DISPLAY;  
MULTIPLE; PRICE; LEVEL

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A1; T01-J12B; T01-S03; T05-L02

13/9/13 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013878101 \*\*Image available\*\*

WPI Acc No: 2001-362313/200138

XRPX Acc No: N01-264017

Image processor has amendment unit to correct change of output image density due to change of quantization value distribution, after multiplexing

Patent Assignee: CANON KK (CANO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001103289	A	20010413	JP 99280599	A	19990930	200138 B

Priority Applications (No Type Date): JP 99280599 A 19990930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001103289	A		20	H04N-001/387	

Abstract (Basic): JP 2001103289 A

NOVELTY - A quantization unit quantizes the attention pixel of image information. A multiplex unit (102) determines the quantization threshold value of attention pixel, based on the additional information. An amendment unit corrects the change of output density due to the change of quantization value distribution, after the multiplexing.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the image processing procedure.

USE - For especially, multiplexing additional information such as model name, number of image output device. Also to prevent forgery in bank note, stamp, securities etc.

ADVANTAGE - Image quality degradation due to multiplexing is avoided by using the error diffusion method for symbol implanting.

Reliable and economic multiplexing is attained, by avoiding precise apparatus of multiplexing and decoding.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of the components of **image** processor. (The figure includes non-English language **text** ).

Multiplex unit (102)

pp; 20 DwgNo 1/13

Title Terms: IMAGE; PROCESSOR; AMEND; UNIT; CORRECT; CHANGE; OUTPUT; IMAGE; DENSITY; CHANGE; VALUE; DISTRIBUTE; AFTER; MULTIPLEX

Derwent Class: T01; W02

International Patent Class (Main): H04N-001/387

International Patent Class (Additional): G06T-001/00; H04N-001/405

File Segment: EPI

Manual Codes (EPI/S-X): T01-J10B1; W02-J03A2

13/9/14 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013878096 \*\*Image available\*\*

WPI Acc No: 2001-362308/200138

XRPX Acc No: N01-264012

Original document image printing apparatus e.g. digital color copier, writes newly produced specific information in entire area of input image, when original specific information in input image is not detected

Patent Assignee: MINOLTA CAMERA KK (MIOC )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001103278	A	20010413	JP 99278994	A	19990930	200138 B

Priority Applications (No Type Date): JP 99278994 A 19990930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001103278	A		7	H04N-001/387	

Abstract (Basic): JP 2001103278 A

NOVELTY - Specific information for distinguishing non-visualizing specific information in input image, is produced while printing the input image. When the non-visualizing specific information in the input image is detected, the newly produced specific information and the non-visualizing specific information are written in specific area of input image, else the newly produced specific information is written in the entire input image area.

USE - For printing **images** of original documents e.g. bank note, **securities** , e.g. digital color copier.

ADVANTAGE - Enables adding specific information to printing image, without degrading quality of output image.

DESCRIPTION OF DRAWING(S) - The figure **shows** the flowchart explaining implantation of tracking pattern in output **image** . (The drawing includes non-English language **text** ).

pp; 7 DwgNo 6/8

Title Terms: ORIGINAL; DOCUMENT; IMAGE; PRINT; APPARATUS; DIGITAL; COPY;

WRITING; NEW; PRODUCE; SPECIFIC; INFORMATION; AREA; INPUT; IMAGE;

ORIGINAL; SPECIFIC; INFORMATION; INPUT; IMAGE; DETECT

Derwent Class: W02

International Patent Class (Main): H04N-001/387

International Patent Class (Additional): H04N-001/40

File Segment: EPI

Manual Codes (EPI/S-X): W02-J03A2B

13/9/15 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013840033 \*\*Image available\*\*



WPI Acc No: 2001-324246/200134

XRPX Acc No: N01-233813

**Image synthesizer for image pick-up apparatus, has image synthesizing unit that synthesizes input image and image sticking unit output image such that images have different sizes**

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001086406	A	20010330	JP 99258104	A	19990910	200134 B

Priority Applications (No Type Date): JP 99258104 A 19990910

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001086406	A	7	H04N-005/262	

Abstract (Basic): JP 2001086406 A

NOVELTY - An image synthesizing unit (5) is used to synthesize an input image and the output image of an image sticking unit. The input image has a different size from the output **image** of the **image** sticking unit. The **image** sticking unit **bonds** an input **image** on a monochromatic initial stage **image** in order to generate the output image.

USE - For image pick-up apparatus e.g. video camera.

ADVANTAGE - Enables a user to choose a synthesizing mode.

Simplifies synthesis of two input images of different sizes.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of the **image** pick-up apparatus provided with an **image** synthesizer.

(Drawing includes non-English language **text** ).

Image synthesizing unit (5)

pp; 7 DwgNo 1/5

Title Terms: IMAGE; IMAGE; PICK-UP; APPARATUS; IMAGE; UNIT; INPUT; IMAGE; IMAGE; STICK; UNIT; OUTPUT; IMAGE; IMAGE; SIZE

Derwent Class: W04

International Patent Class (Main): H04N-005/262

International Patent Class (Additional): H04N-005/232; H04N-005/91; H04N-009/04; H04N-009/74

File Segment: EPI

Manual Codes (EPI/S-X): W04-F; W04-M01; W04-M01D; W04-N; W04-N05C

13/9/16 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013654821

WPI Acc No: 2001-139033/200115

XRPX Acc No: N01-101207

**Terminal communication method and device based on telephone line**

Patent Assignee: JINMENQIAO COMPUTER NETWORK CO LTD SHENZ (JINM-N)

Inventor: CHEN A; DENG Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1262576	A	20000809	CN 99101454	A	19990129	200115 B

Priority Applications (No Type Date): CN 99101454 A 19990129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1262576	A		H04M-011/00	

Abstract (Basic): CN 1262576 A

NOVELTY - A terminal communication method based on telephone line features that the input codes and/or prestored codes are transmitted through telephone line, the signals received from telephone line are stored, and the received data is processed and **displayed** in character or **graphics** mode. With said method and equipment, bidirectional data communication can be realized to provide speech **words** and **graphics**

to users with high efficiency. Such jobs as hook-up, outgoing, signal sound detection, etc can be automatically performed. The dynamic trade, storage and graphic -character display can also be completed automatically.

DwgNo 0/0

Title Terms: TERMINAL; COMMUNICATE; METHOD; DEVICE; BASED; TELEPHONE; LINE

Derwent Class: W01

International Patent Class (Main): H04M-011/00

File Segment: EPI

Manual Codes (EPI/S-X): W01-C05

13/9/17 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013606629 \*\*Image available\*\*

WPI Acc No: 2001-090837/200110

XRFX Acc No: N01-068850

Computer based text processor enables user to select between non-standard texts according to degree to which each non-standard text incorporates clues to identity of spoken words

Patent Assignee: O'CONNOR M K (OCON-I)

Inventor: O'CONNOR M K

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200060560	A1	20001012	WO 2000AU286	A	20000405	200110 B
AU 200035442	A	20001023	AU 200035442	A	20000405	200110

Priority Applications (No Type Date): AU 999604 A 19990405

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200060560	A1	E	75	G09B-017/00
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200035442	A		G09B-017/00	Based on patent WO 200060560
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Abstract (Basic): WO 200060560 A1

NOVELTY - The text processor enables a user to select between a non-standard texts that differ from one another according to the degree to which each non-standard text incorporates clues to the identity of spoken words that correspond to the word shapes of the non-standard text.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a system for visually depicting the text of an alphabetically written natural language;

(b) a method of converting standard text in an alphabetically written natural language into enriched text;

(c) a method of displaying the text of an alphabetically written natural languages with additional phonetic information;

(d) a display option which represents the phonemes or allophones of a given spoken performance of a text;

(e) a method of modifying display options;

(f) a method of representing printed texts of an alphabetically written language;

(g) a teaching method to assists user in learning to read unfamiliar writing systems;

(h) a text morphing method;

(i) a method for using the system for visually depicting the text of an alphabetically written natural language;

(j) a teaching method for logographic writing systems;

(k) a teaching method for native speaking children in languages

that have limited numbers of syllables;

(1) and a writing system that reduces ambiguities in text.

USE - Used for facilitating user familiarization with the word shapes of the standard text of a language. Used for teaching of writing and pronunciation to people learning new languages. For improving writing skills and comprehension of native speakers.

ADVANTAGE - Facilitates user familiarization with the word shapes of the standard text of a language. Enables readers to move between display options or levels with relatively little **investment** in learning time. Enables automatic computerized conversion between alphabetic and **pictographic** or **logographic** writing. Enables a user to greatly helped in learning to read **text** in alternative writing systems by the computer **graphic** process of gradual progressive mutation on a **display** screen of the visual **image** of a given **word**. Enables users or readers who receive the test to rapidly **display** the **text** with the degree of phonetic annotation they prefer. Enables rapidly switching the screen display between two or more writing systems.

DESCRIPTION OF DRAWING(S) - The figure shows the tabulation illustrating how the same piece of enriched text can be represented in a gradated set of seven display options, each successive option providing an increased amount of phonetic information using the phonetic letter variants.

pp; 75 DwgNo 5/15

Title Terms: COMPUTER; BASED; TEXT; PROCESSOR; ENABLE; USER; SELECT; NON; STANDARD; TEXT; ACCORD; DEGREE; NON; STANDARD; TEXT; INCORPORATE; IDENTIFY; SPEAKER; WORD

Derwent Class: P85; T01

International Patent Class (Main): G09B-017/00

International Patent Class (Additional): G06F-017/21; G09B-019/06

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-J10C3; T01-J11A1

13/9/18 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012526121 \*\*Image available\*\*

WPI Acc No: 1999-332227/199928

XRPX Acc No: N99-249862

Graphic image forming method for computer - involves setting up image area which has rectangle with long sides shorter than number of pixels, to one tenth of entire output image after texture mapping

Patent Assignee: TORAY IND INC (TORA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11120380	A	19990430	JP 97278679	A	19971013	199928 B

Priority Applications (No Type Date): JP 97278679 A 19971013

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11120380	A		16	G06T-017/00	

Abstract (Basic): JP 11120380 A

NOVELTY - In order to pick-up the original picture image from an image carrier, an image area to be cut off has a rectangle with long sides shorter than number of pixels, is set to one tenth of the entire output image after texture mapping. DETAILED DESCRIPTION - The method involves cutting out the image area in which a pattern is included from an original picture image, to produce an image for texture mapping. INDEPENDENT CLAIMS are also included for the following: a manufacturing apparatus; and a goods manufacturing method.

USE - For computer.

ADVANTAGE - Provides **bond** eye loan of **texture image** even if there is no repetition period or **picture** is too large to be picked up. DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of a

manufacturing apparatus.

Dwg.1/18

Title Terms: GRAPHIC; IMAGE; FORMING; METHOD; COMPUTER; SET; UP; IMAGE;  
AREA; RECTANGLE; LONG; SIDE; SHORT; NUMBER; PIXEL; ONE; TENTH; OUTPUT;  
IMAGE; AFTER; TEXTURE; MAP

Derwent Class: T01

International Patent Class (Main): G06T-017/00

International Patent Class (Additional): G06T-015/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J10C4

13/9/19 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012434201 \*\*Image available\*\*

WPI Acc No: 1999-240309/199920

XRPX Acc No: N99-179575

**Image edit apparatus - has processor that generates background image  
and bonds it between components of image based on judged background  
texture**

Patent Assignee: FUJI XEROX CO LTD (XERF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11069132	A	19990309	JP 97216502	A	19970811	199920 B

Priority Applications (No Type Date): JP 97216502 A 19970811

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11069132	A		6	H04N-001/387	

Abstract (Basic): JP 11069132 A

NOVELTY - The depth of shade or texture in background in area of bonded image is judged by a processor (5). The background image is produced and bonded as background between components of image based on detected texture depth. DETAILED DESCRIPTION - The input image data is stored in a memory (2). The cut-off of image indicated by image data is carried out by an editing unit (4) according to output signal of the indicator (3). The enlargement/reduction, rotation and starting, retouch of image is carried out during editing.

USE - None given.

ADVANTAGE - Enables **image** regeneration by executing **texture** and color process. DESCRIPTION OF DRAWING(S) - The figure **shows** block diagram of **image** edit apparatus. (2) Memory; (3) Indicator; (4) Editing unit; (5) Processor.

Dwg.1/9

Title Terms: IMAGE; EDIT; APPARATUS; PROCESSOR; GENERATE; BACKGROUND; IMAGE;  
; BOND; COMPONENT; IMAGE; BASED; JUDGEMENT; BACKGROUND; TEXTURE

Derwent Class: T01; W02

International Patent Class (Main): H04N-001/387

International Patent Class (Additional): G06T-001/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J10B3; W02-J03A2B

13/9/20 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012336432 \*\*Image available\*\*

WPI Acc No: 1999-142539/199912

XRPX Acc No: N00-126313

**Mouthguard with visible insignia - has marking in contrasting colour on  
surface of, or embedded in, front surface of mouthguard**

Patent Assignee: SPOTTISWOODE R (SPOT-I)

Inventor: SPOTTISWOODE R

Number of Countries: 082 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9904722	A1	19990204	WO 98NZ109	A	19980722	199912	B
AU 9886528	A	19990216	AU 9886528	A	19980722	199926	
NZ 328403	A	20000128	NZ 328403	A	19970723	200015	
GB 2341785	A	20000329	WO 98NZ109	A	19980722	200019	
			GB 20001590	A	20000121		
US 6321752	B1	20011127	WO 98NZ109	A	19980722	200175	
			US 2000463305	A	20000315		

Priority Applications (No Type Date): NZ 328403 A 19970723

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9904722	A1	E	13	A61C-005/14	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9886528	A				Based on patent WO 9904722
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NZ 328403	A		1	A63B-071/08	
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GB 2341785	A			A61C-005/14	Based on patent WO 9904722
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US 6321752	B1			A61C-005/14	Based on patent WO 9904722
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Abstract (Basic): WO 9904722 A

NOVELTY - An indentation (11) made in the front surface (13) of the mouthguard (10) is filled with a similar material of contrasting colour (12). The indentation can be made either while the mouthguard material is in its initial sheet form, or while in the softened state used when moulding it to the wearer's mouth. Alternatively, a marking can be stencilled onto the front of the mouthguard.

USE - For **displaying a logo, word, trade mark** or other **insignia** which will normally be visible when the mouthguard is being worn.

ADVANTAGE - The mouthguard can carry visible markings for advertising purposes, or to inform consumer choice. DESCRIPTION OF

-DRAWING(S) - The drawing shows a front perspective view of the mouthguard. (10) Mouthguard; (11) indentation; (12) Infill material of contrasting colour; (13) Front surface of mouthguard.

Dwg.1/2

Title Terms: VISIBLE; INSIGNIA; MARK; CONTRAST; COLOUR; SURFACE; EMBED; FRONT; SURFACE

Derwent Class: P32; P36; P85

International Patent Class (Main): A61C-005/14; A63B-071/08

International Patent Class (Additional): A63B-071/00; G09F-023/00

File Segment: EngPI

13/9/21 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012140877 \*\*Image available\*\*

WPI Acc No: 1998-557789/199847

XRPX Acc No: N98-434774

**Video wall for displaying financial trading information - comprises a number of visual display units arranged to form a video wall for dynamically displaying graphic identifiers, such as corporate logos, to identify financial trading information**

Patent Assignee: NASDAQ STOCK MARKET INC (NASD-N)

Inventor: APPLE T; FOOTEN J; KLEIN A; NOBLE P

Number of Countries: 076 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9845830	A1	19981015	WO 97US5640	A	19970404	199847	B
AU 9726079	A	19981030	AU 9726079	A	19970404	199911	

			WO 97US5640	A	19970404	
EP 972279	A1	20000119	EP 97917866	A	19970404	200009
			WO 97US5640	A	19970404	
CN 1251676	A	20000426	CN 97182104	A	19970404	200036
			WO 97US5640	A	19970404	
BR 9714681	A	20000725	BR 9714681	A	19970404	200043
			WO 97US5640	A	19970404	
SK 9901347	A3	20000814	WO 97US5640	A	19970404	200051
			SK 991347	A	19970404	
MX 9909011	A1	20000601	MX 999011	A	19991001	200133

Priority Applications (No Type Date): WO 97US5640 A 19970404

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9845830 A1 82 G09F-027/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG  
UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT  
KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9726079 A G09F-027/00 Based on patent WO 9845830

EP 972279 A1 E G09F-027/00 Based on patent WO 9845830

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LT  
LU MC NL PT SE SI

CN 1251676 A G09F-027/00

BR 9714681 A G09F-027/00 Based on patent WO 9845830

SK 9901347 A3 G09F-027/00

MX 9909011 A1 G09F-027/00

Abstract (Basic): WO 9845830 A

A video wall, comprising a number of visual **display** units, is used to dynamically **display** financial **trading** information (200). **Graphic identifiers**, such as corporate **logos**, are used to identify the financial data, instead of using the abbreviated **text identifiers** of the conventional ticker **display** format. When the financial markets are closed, this moving **display** area can be used to scroll market facts and other messages.

Other display areas of the video wall can be used to show videos of company profiles, interactive display elements, **graphics** showing activity in a main market, information about groups of **securities**, and a live commentary about recent market activity.

ADVANTAGE - Easy to understand, due to the use of graphic identifiers instead of abbreviated text identifiers.

Dwg.2/47

Title Terms: VIDEO; WALL; DISPLAY; FINANCIAL; TRADE; INFORMATION; COMPRISE; NUMBER; VISUAL; DISPLAY; UNIT; ARRANGE; FORM; VIDEO; WALL; DYNAMIC; DISPLAY; GRAPHIC; IDENTIFY; IDENTIFY; FINANCIAL; TRADE; INFORMATION

Derwent Class: P85; T01; T04; W05

International Patent Class (Main): G09F-027/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-C04D; T01-J05A1; T04-H03B; W05-E05C

13/9/22 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010338228 \*\*Image available\*\*

WPI Acc No: 1995-240316/199531

XRPX Acc No: N95-187440

Maintaining record of set-creating activities and associated sets - creating text record of set-creating search queries and associated search result sets, creating and displaying button icons for each query separate from text record, to indicate hierarchical relationship within search queries

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: KAHL D J; KING C D; LEE R E; STANNERS S; TORRES R J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5428735	A	19950627	US 92997397	A	19921228	199531 B

Priority Applications (No Type Date): US 92997397 A 19921228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5428735	A		18	G06F-017/30	

Abstract (Basic): US 5428735 A

A record of set-creating data processing activities and associated data sets is maintained by creating and displaying visual representations, one for each of the set-creating activities, and arranging the visual representations to indicate a hierarchical relationship within the set-creating activities.

The visual representations may be used to select for viewing a particular one of either the set-creating activities or the associated data sets, and displaying them on the data processing system. The display may correspond to a duration of an operator input activity, or to a time interval defined by an initiating operator input at a terminating operator input.

The method requires the arrangement of the visual representations in a hierarchy which corresponds to set-creation chronology.

USE - E.g. for searching databases contg. books in print by standard book numbers, or periodicals, products or companies by **stock exchange identifiers** . Efficiently maintains record of set-creating processing activities.

Dwg.2a/4

Title Terms: MAINTAIN; RECORD; SET; ACTIVE; ASSOCIATE; SET; TEXT; RECORD; SET; SEARCH; QUERY; ASSOCIATE; SEARCH; RESULT; SET; DISPLAY; BUTTON; QUERY; SEPARATE; TEXT; RECORD; INDICATE; HIERARCHY; RELATED; SEARCH; QUERY

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-J05B3; T01-J12D

Set	Items	Description
S1	1153928	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	5088	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	353371	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	2526332	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	35406	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	3821	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	319944	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL? OR TEXTSCROLL? OR NEWSROLL?
S8	2201	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	10605	S1-S2(5N)S3
S10	267	S9 AND S5-S6
S11	24	S10 AND S7-S8
S12	22	S8 AND S1-S2(10N)S3(5N)S4
S13	22	S12 NOT S11
S14	7530	S1-S2(5N)S7
S15	18	S14 AND S3 AND S5-S6
S16	7	S15 NOT (S11 OR S13)

?t16/9/all

16/9/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03280469 \*\*Image available\*\*  
WORD PROCESSOR

PUB. NO.: 02-255969 [JP 2255969 A]  
PUBLISHED: October 16, 1990 (19901016)  
INVENTOR(s): MORI SEIJI  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 01-019816 [JP 8919816]  
FILED: January 31, 1989 (19890131)  
INTL CLASS: [5] G06F-015/20  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R139 (INFORMATION PROCESSING -- Word Processors)  
JOURNAL: Section: P, Section No. 1150, Vol. 15, No. 11, Pg. 67,  
January 10, 1991 (19910110)

#### ABSTRACT

PURPOSE: To improve the data input speed by displaying the image of an original read by an image reader and stored at a part of a screen of a display part and at the same time scrolling the display of the image with operation of a keyboard.

CONSTITUTION: An operator performs a preparatory operation to read an image out of an original via an image reader 12. A control part 13 stores temporarily the read image and displays it at a display part 15. For a main operation of a word processor, the operator inputs data via a keyboard 14 by reference to the image shown at the part 15. Then the operator scrolls the image on a screen with operation of the keyboard 14 and displays the unprocessed image stored in a storage part 13b when the input is through with the image displayed at the part 15. These operations are repeated so that the data can be inputted to the word processor at a high speed and with no fatigue of the operator.

16/9/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX



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014159668      \*\*Image available\*\*

WPI Acc No: 2001-643896/200174

XRPX Acc No: N01-481884

**Encoder for two-dimensional image data, performs encryption on bit stream of combined data to provide key code which is adjusted for outputting combined data for display**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001257598	A	20010921	JP 200070838	A	20000314	200174 B

Priority Applications (No Type Date): JP 200070838 A 20000314

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001257598	A	10	H03M-007/30	

Abstract (Basic): JP 2001257598 A

NOVELTY - An entropy encoder performs the entropy encoding of a combined output data, to output a bit stream of an entropy symbol. A combined process section (106) performs an encryption on the bit stream, to provide a key code which is adjusted by a multiplexer (111), for outputting the **combined data for display**, in mosaic form.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for decoder.

USE - For encoding two-dimensional image data especially in joint photographic experts group (JPEG) format, according to standards of ISO, consulting committee of international telegraph and telephone (CCITT), ITU standards etc., for protection of copyrights.

ADVANTAGE - Makes user to quickly recognize the protected data without giving unpleasant feeling to the user, while using any viewer softwares.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of components of encoder. (Drawing includes non-English language **text** ).

Combined process section (106)

Multiplexer (111)

pp; 10 DwgNo 1/11

Title Terms: ENCODE; TWO; DIMENSION; IMAGE; DATA; PERFORMANCE; ENCRYPTION; BIT; STREAM; COMBINATION; DATA; KEY; CODE; ADJUST; OUTPUT; COMBINATION; DATA; DISPLAY

Derwent Class: U21; W02; W04

International Patent Class (Main): H03M-007/30

International Patent Class (Additional): H04N-001/387; H04N-001/41; H04N-001/44; H04N-005/262; H04N-007/30

File Segment: EPI

Manual Codes (EPI/S-X): U21-A05A2; W02-F07B; W02-J03A2B; W02-J03B; W02-J03C6; W04-N

**16/9/3      (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013022067

WPI Acc No: 2000-193918/200017

XRPX Acc No: N00-143468

**Partial scrolling for a graphical user interface (GUI) application that allows a user to scroll a discrete part of the displayed area without affecting the rest of what is currently being displayed**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 429127	A	20000110	RD 99429127	A	19991220	200017 B

Priority Applications (No Type Date): RD 99429127 A 19991220

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
RD 429127 A 2 G06F-000/00

Abstract (Basic): RD 429127 A

NOVELTY - A user can select a discrete part of a GUI display which can then be scrolled using the horizontal and/or vertical scroll bars of a context menu. It should be noted that only the selected area is scrolled and that the remaining displayed area is unaffected.

USE - For a GUI application, such as a **word** processor or a spreadsheet.

ADVANTAGE - Extends the ability of a user to view multiple parts of a **displayed** object **simultaneously**, while still maintaining context.

pp; 2 DwgNo 0/0

Title Terms: SCROLL; GRAPHICAL; USER; INTERFACE; APPLY; ALLOW; USER; SCROLL  
; DISCRETE; PART; DISPLAY; AREA; AFFECT; REST; CURRENT; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J12B

16/9/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012525538 \*\*Image available\*\*

WPI Acc No: 1999-331644/199928

XRPX Acc No: N99-249279

**Scroll -type moving image display for distance viewing of messages - assigns to each specific message of arbitrary length independently selectable tracking velocity parameter and automatically matched brightness level for individual characters or graphics**

Patent Assignee: ABIX KK (ABIX-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11119721	A	19990430	JP 97286771	A	19971020	199928 B

Priority Applications (No Type Date): JP 97286771 A 19971020

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 11119721 A 11 G09G-003/20

Abstract (Basic): JP 11119721 A

NOVELTY - Specific display program usually vary in length and to each such program a pre-chosen scroll velocity parameter is assigned. These programs held in program memory are expanded into bit image data to be positioned in operational memory. Image data when transferred onto light emitting element array have characteristic brightness levels matched to each such display program.

USE - It beams pre-designed advertisement matter, flash **news** etc. for public viewing at a distance through illuminated moving character or graphics display.

ADVANTAGE - It adapts well with tracking interpolation type scroll displays, while being equally effective with standard lot matrix type scroll **displays**. It usefully **combines viewer** convenience with advertiser's display strategy. DESCRIPTION OF DRAWING(S) - The figure shows circuit structure of display unit.

Dwg.4/7

Title Terms: SCROLL; TYPE; MOVE; IMAGE; DISPLAY; DISTANCE; VIEW; MESSAGE;  
ASSIGN; SPECIFIC; MESSAGE; ARBITRARY; LENGTH; INDEPENDENT; SELECT; TRACK;  
VELOCITY; PARAMETER; AUTOMATIC; MATCH; BRIGHT; LEVEL; INDIVIDUAL;

CHARACTER; GRAPHIC

Derwent Class: P85; W05

International Patent Class (Main): G09G-003/20

International Patent Class (Additional): G09G-003/14; G09G-003/32

File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): W05-E01A; W05-E01B

16/9/5 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010572265 \*\*Image available\*\*  
WPI Acc No: 1996-069218/199608  
Related WPI Acc No: 1995-036876  
XRPX Acc No: N96-058129

**Subscription television system for simultaneously displaying combination of services - produces composite signal from 4 video programs, assigning screen quadrant to each program, and inserts text data stream into vertical blanking interval so subscriber may observe text in 3 quadrants and program in 1**

Patent Assignee: SCIENTIFIC-ATLANTA INC (SCAT )  
Inventor: BACON K C; BANKER R O; HAYASHI M T  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2147301	A	19951020	CA 2147301	A	19950419	199608 B
US 5485221	A	19960116	US 9373404	A	19930607	199609
			US 94229805	A	19940419	

Priority Applications (No Type Date): US 94229805 A 19940419; US 9373404 A 19930607

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2147301	A		51	H04N-007/16	
US 5485221	A		19	H04N-005/445	CIP of application US 9373404

Abstract (Basic): CA 2147301 A

The television system has a head-end (12), broadcasting a signal, which contains a video combiner (64) to produce a composite video signal from several signals each representing a different program. Data streams are also inserted (54) into the composite signal which is modulated onto a broadband television signal channel and transmitted (56) to one or more subscriber terminals (14).

The subscriber terminal selects a virtual channel and generates tuning, data extraction and video program control signals corresponding to it. A tuner responds to these by tuning to the television channel carrying the composite video signal. The video signal is processed to extract the data stream. An on-screen display control displays an output signal allowing **simultaneous display** (20) of data information and the video program.

**ADVANTAGE** - Allows **simultaneous display** of video, audio and **text** services. Highly user friendly with high range of features.

Dwg.1/5

Abstract (Equivalent): US 5485221 A

A subscription television system comprising a headend for transmitting a broadband television signal and at least one subscriber terminal remote from said headend for receiving the broadband television signal via a distribution system, wherein:

said headend comprises:

a video combiner for combining a plurality of video signals, each corresponding to a different video program, to produce a composite video signal;

circuitry for inserting data streams into said composite video signal, each data stream corresponding to a different data service; and

circuitry for modulating the composite video signal, including the data streams inserted therein, onto a channel of the broadband television signal, the broadband television signal being transmitted to said at least one subscriber terminal; and

said at least one subscriber terminal comprising:

a selector for selecting a virtual channel from a plurality of

virtual channels, each said virtual channel representative of a different combination of a video program and a data service;

control signal generating means, responsive to the selected virtual channel, for generating tuning control signals, data extraction control signals, and video program control signals corresponding to the selected virtual channel;

a tuner, responsive to said tuning control signals, for tuning to the channel of the broadband television signal carrying the composite video signal;

processing circuitry for processing the composite video signal received from said tuner, said processor circuitry including extracting means for extracting from said composite video signal a data stream determined from said data extraction control signals; and

an on-screen display control, responsive to said video program control signals, for generating a video output display signal from said extracted data stream and said processed composite video signal to enable **simultaneous display** of the data service corresponding to said extracted data **stream** in a first continuous **picture** portion and the video program corresponding to the selected virtual channel in a second contiguous picture portion different from the first contiguous picture portion.

Dwg.2/5

Title Terms: SUBSCRIBER; TELEVISION; SYSTEM; SIMULTANEOUS; DISPLAY; COMBINATION; SERVICE; PRODUCE; COMPOSITE; SIGNAL; VIDEO; PROGRAM; ASSIGN; SCREEN; QUADRANT; PROGRAM; INSERT; **TEXT** ; DATA; STREAM; VERTICAL; BLANK; INTERVAL; SO; SUBSCRIBER; OBSERVE; **TEXT** ; QUADRANT; PROGRAM

Index Terms/Additional Words: **CABL E\_TE** ; TELEVISION

Derwent Class: W02; W04

International Patent Class (Main): H04N-005/445; H04N-007/16

International Patent Class (Additional): H04N-007/08

File Segment: EPI

Manual Codes (EPI/S-X): W02-F03A5; W02-F05A; W04-N05C5; W04-N05G1

16/9/6 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007566060 \*\*Image available\*\*

WPI Acc No: 1988-199992/198829

XRPX Acc No: N88-152628

Word **processor with control setting-up text format - has format code area of display separated from text area to indicate line where format is set**

Patent Assignee: BROTHER IND CO LTD (BRER )

Inventor: KAWAKAMI Y

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2199968	A	19880720	GB 8729321	A	19871216	198829 B
US 4931987	A	19900605	US 87134031	A	19871217	199026
GB 2199968	B	19901212				199050

Priority Applications (No Type Date): JP 86302597 A 19861218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2199968	A	24		

Abstract (Basic): GB 2199968 A

In the operation of creating a **text** by depressing the keys on a keyboard, when a format code search key is depressed by an operator at an erroneous position, the cursor is moved by the operator to a position where an appropriate format code mark is indicated.

A specific key, such as an upward or downward moving cursor key, is depressed to **scroll** the **picture** to vertically on the display and sequentially move the cursor to a position where another format code mark is indicated. Thus, the cursor can be easily moved to an intended format code mark.

ADVANTAGE - Enables operator to find format code easily and charge it efficiently.

7/7

Abstract (Equivalent): GB 2199968 B

A **word** processor comprising: an input means comprising a number of character inputting keys for inputting character data which compose a **text**, a format setting mode selecting key for selecting a format setting mode so as to set up the format of the **text**, a format code searching key for searching a format code and a format setting mode ending key for ending the format setting mode and a control means comprising means for setting up a format of the **text** and displaying on a display the **text** and the format code for indicating a position where the format is set in the **text**, means for searching the format code when the format code searching key is depressed and means for moving a cursor to a position where the format code searched is indicated.

Abstract (Equivalent): US 4931987 A

The display is divided into a format code display area and a **text** display area.

In a **text** creating mode, a cursor is normally moved from a left margin to a right margin on the **text display** area at the **same time** when characters are inputted, and when the cursor reaches the right margin or a return key is depressed, the cursor is moved to the next line. In changing a format of the **text** to be subsequently inputted, a format setting key is depressed to select a format setting mode.

At this time, the cursor is moved to the format code display area separated from the **text** display area.

Then, the format code setting key is depressed to reset a new format code.

After resetting the format code, a **text** creating mode selecting key is depressed to select the **text** creating mode again.

At the same time, the cursor is moved to a head position in a **text** area to be formatted by the reset format code.

(10pp

Title Terms: **WORD** ; PROCESSOR; CONTROL; SET-UP; **TEXT** ; FORMAT; FORMAT; CODE; AREA; DISPLAY; SEPARATE; **TEXT** ; AREA; INDICATE; LINE; FORMAT; SET

Derwent Class: T01

International Patent Class (Additional): G06F-003/15; G06F-007/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J

16/9/7 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004162614

WPI Acc No: 1984-308153/198450

XRPX Acc No: N84-229748

**Word processing system with interactive display - integrates into stream graphics data converts into graphic display characters and applies to printer**

Patent Assignee: IBM CORP (IBMC )

Inventor: BARNES J G; CHEN J N; HAYES G E

Number of Countries: 015 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 127745	A	19841212	EP 84103723	A	19840405	198450 B
AU 8427942	A	19841115				198502
JP 59211374	A	19841130	JP 8426229	A	19840216	198503
BR 8402216	A	19841218				198507
ES 8506913	A	19851116				198609
CA 1226083	A	19870825				198738
US 4707801	A	19871117	US 86894099	A	19860808	198748
EP 127745	B	19920108				199203
DE 3485425	G	19920220				199209

Priority Applications (No Type Date): US 83493403 A 19830511

Cited Patents: A3...8607; GB 1330748; No-SR.Pub; US 4338599; US 4254409

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
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EP 127745	A	E	20		
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Designated States (Regional): BE CH DE FR GB IT LI NL SE

EP 127745	B				
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Designated States (Regional): BE CH DE FR GB IT LI NL SE

Abstract (Basic): EP 127745 A

The system has an interactive display terminal. The latter operates in a 'character box' mode where displayed alphanumeric material is formed by character generation. A printer is used for the alphanumeric material and a non-character generating graphics producing appts. e.g. plotters for providing graphics on a document. To format and edit the **graphics** material, a data **stream** comprising of alphanumeric characters has integrated with it graphics data.

For **display** purposes, the **integrated** graphic data is converted into graphic display characters. Upon completion of the editing, the data relating to alphanumeric characters in the stream is selectively applied to the printer. The **graphics** data of the **stream** is applied to a plotter.

1/5

Abstract (Equivalent): EP 127745 B

A **word** processing system comprising: interactive display terminal means for receiving data representative of

alphanumeric characters and data representative of graphics, and for displaying alphanumeric characters and graphic information, said alphanumeric character data and said graphic data being handled in said system, means for integrating said alphanumeric character data and said

graphic data from said terminal emans into a data stream; means for generating said alphanumeric characters for display on said terminal means from said data

representative of alphanumeric characters from said data stream; means for converting said data representative of **graphic** from said data **stream** into **graphic** characters and for providing said graphic character to said generating means to display said characters on said terminal means; means for selectively applying the data in said data stream representative of said alphanumeric characters to a printing means, and for selectively applying the data in said data **stream** representative of said **graphics** to a graphic producing means; said printing means, responsive to the selectively applying means, for printing said alphanumeric characters on a document from said data representative of alphanumeric characters; and said graphic producing means, responsive to the selectively applying means, for producing graphic information on said document from said data representative of said graphics.

(13pp)

Abstract (Equivalent): US 4707801 A

The processing system is provided with an interactive terminal for displaying by character generation a data stream representative of alphanumeric characters to be printed on a document together with a device for printing the characters on the document.

The system integrates into the data **stream**, data representative of **graphics** and converts such **integrated** graphic data into **display** characters where the graphics may also be displayed through character generation.

When printing of the graphics and alphanumeric information to produce documents is required, the data in the data stream representative of alphanumeric characters is applied to the printing means resulting in the printing of the characters. The data in the **stream** representative of the **graphics** is applied to apparatus for producing the graphics such as a plotter to produce the graphic content of the document.

USE - Letters, articles being published and books requiring graphics.

(10pp)

Title Terms: **WORD** ; **PROCESS**; **SYSTEM**; **INTERACT**; **DISPLAY**; **INTEGRATE**; **STREAM**;

GRAPHIC; DATA; CONVERT; GRAPHIC; DISPLAY; CHARACTER; APPLY; PRINT  
Derwent Class: P75; T01; T04  
International Patent Class (Additional): B41J-005/30; G06F-003/15;  
G06F-015/00; G06K-015/00; H04N-001/00  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): T01-C04A; T01-C05; T04-H02

Set	Items	Description
S1	1153928	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	5088	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	353371	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	2526332	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	35406	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	3821	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	319944	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL? OR TEXTSCROLL? OR NEWSROLL?
S8	2201	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	10605	S1-S2(5N)S3
S10	267	S9 AND S5-S6
S11	24	S10 AND S7-S8
S12	22	S8 AND S1-S2(10N)S3(5N)S4
S13	22	S12 NOT S11
S14	7530	S1-S2(5N)S7
S15	18	S14 AND S3 AND S5-S6
S16	7	S15 NOT (S11 OR S13)
S17	1711	IC="G09F-027"
S18	1806	MC="T01-C04D"
S19	8367	MC="T01-J05A1"
S20	9186	MC="T04-H03B"
S21	790	MC="W05-E05C"
S22	27	S17-S21 AND S8
S23	25	S22 NOT (S11 OR S13 OR S16)
S24	0	S23 AND S5-S6
S25	1	S23 AND S7
S26	3	S23 AND S3
S27	140	S17-S21 AND S1-S2(S)S7
S28	8	S27 AND S3(S)S7
S29	5	(S28 OR S25 OR S26) NOT (S11 OR S13 OR S15 OR S23)

29/9/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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06330684 \*\*Image available\*\*

KARAOKE PLAYING DEVICE DISPLAYING CG ANIMATION VARYING DEPENDING ON SERVICE  
CONDITION

PUB. NO.: 11-272285 [JP 11272285 A]  
 PUBLISHED: October 08, 1999 (19991008)  
 INVENTOR(s): TACHIBANA SATOSHI  
 APPLICANT(s): DAIICHIKOSHO CO LTD  
 APPL. NO.: 10-074341 [JP 9874341]  
 FILED: March 23, 1998 (19980323)  
 INTL CLASS: G10K-015/04; G06T-011/80; G09B-015/00; G09F-027/00 ;  
 G10H-001/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To maintain the interest and the will to try karaoke (sing-along music) of users to further promote the use of karaoke by providing a karaoke playing device having the function of displaying a CG animation which varies depending on service conditions.

SOLUTION: This device has a CG animation production means 123 which outputs an **image** of protagonist design expressed as an animation. The protagonist design is determined by a number of static and **dynamic** elements and varied by changing the set value of each element. Attribute data characteristic of each piece of music are made to correspond to karaoke



data for each piece of music, which consist of accompanying music data and **words** data. To play a piece of music requested, the attribute data about the piece of music are acquired to change the set value of each element according to the attribute data. A CG animation in which the protagonist design determined in accordance with each element moves around is displayed during or before and after the play on the piece of music.

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29/9/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014075403

WPI Acc No: 2001-559617/200163

Related WPI Acc No: 1996-427850

XRAM Acc No: C01-166544

XRPX Acc No: N01-416009

**Extraction system, for use in fluid transfer between sub seafloor deposit and e.g. tanker, comprises receiver, decoder, image generator, transmitter and transmit control unit**

Patent Assignee: RADEBE LTD (RADE-N)

Inventor: CONROY J; GREALISH F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
IE 81703	B3	20010502	IE 2000945	A	20001121	200163 B

Priority Applications (No Type Date): IE 2000945 A 20001121

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
IE 81703	B3	14	G06F-017/30	

Abstract (Basic): IE 81703 B3

NOVELTY - Apparatus for defining an extraction system with a processor and an associated display comprises a receiver, a decoder for decoding the received **image** data, an **image** generator for generating a composite **image**, and a transmitter with a shift register to convert the composite **image** into a serial data **stream** and a transmit control unit for transmitting data to the processor.

DETAILED DESCRIPTION - Apparatus for defining an extraction system with a processor and an associated display comprises a receiver, a decoder for decoding the received **image** data, an **image** generator for generating a composite **image**, and a transmitter with a shift register to convert the composite **image** into a serial data **stream** and a transmit control unit for transmitting data to the processor. The receiver has a control unit for receiving signals containing **image** data form the processor, a receive shift register for segmenting the received signal into predetermined data **word** lengths, parity checker to ensure accurate reception of each data **word**, and storage of validated **words** for subsequent processing. The decoder sequentially retrieves stored validated data **words**, which are in turn compared with pre-stored data using a comparator, before it is stored in a data **word** location appropriate to the comparator result. A decoder selectively assesses and decodes the data **word** location. The **image** generator has two memory registers for storing selected data **words**, an adder to produce a data **word** result, areas to temporarily store the data **word** result as an **image**, **image** processing a control systems to store the **image** and **image** sections in a memory, before a composite **image** is created from the **image** and the **image** sections.

An INDEPENDENT CLAIM is included for a method of generating a graphic image, which involves receiving asynchronous signals containing image data from a processor and processing using the above system.

USE - For use in the transfer of fluid between a sub seafloor deposit and a tanker or a platform.

ADVANTAGE - The novel system offers design flexibility and

reliability while not overspecifying, thereby ensuring the overall commercial viability of the operation.

pp; 14 DwgNo 0/1

Technology Focus:

TECHNOLOGY FOCUS - INSTRUMENTATION AND TESTING - Preferred Adder:  
The adder includes a parallel full adder connected to two sixteen-bit data registers, a unit for controlling the operation of the parallel adder and another unit for controlling the delivery speed of a result from the adder by activation of a gate output. A location decoder is connected to the adder control unit for receiving the result of the gate output and, in response to a signal from the control unit, routing the result to a sixteen-bit data register.

Title Terms: EXTRACT; SYSTEM; FLUID; TRANSFER; SUB; DEPOSIT; TANKER;  
COMPRISE; RECEIVE; DECODE; IMAGE; GENERATOR; TRANSMIT; TRANSMIT; CONTROL;  
UNIT

Derwent Class: H01; T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-017/50; G06F-017/60

File Segment: CPI; EPI

Manual Codes (CPI/A-N): H01-B03B3

Manual Codes (EPI/S-X): T01-C04D ; T01-E01C; T01-E02A; T01-G01A1; T01-H07B  
; T01-J10A

29/9/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013957072 \*\*Image available\*\*

WPI Acc No: 2001-441286/200147

XRPX Acc No: N01-326471

**Computer-based transaction execution architecture for netcentric computing system in business establishments, provides presentation services, from server which provides base services**

Patent Assignee: ACCENTURE LLP (ACCE-N)

Inventor: ALAIRYS T D; AURIEMMA R; BOWEN M T; DEGIORGIO C M; GOODMAN M;

JOHNSON L C; MESOY T; REITER S R; SIGMUND L; TAYLOR S J

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200133349	A2	20010510	WO 2000US30519	A	20001103	200147 B
AU 200113617	A	20010514	AU 200113617	A	20001103	200149

Priority Applications (No Type Date): US 2000676227 A 20000929; US 99163477  
P 19991103

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200133349	A2	E 245	G06F-009/44	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200113617	A		G06F-009/44	Based on patent WO 200133349
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Abstract (Basic): WO 200133349 A2

NOVELTY - The execution architecture has a client coupled to a server. The client comprises services like presentation, information, communication, communication fabrication, transaction, environment and business logic services. The server comprises services like base, information, communication fabrication, transaction, environment and business logic services.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Developing architecture;

(b) Operations architecture

USE - For executing computer-based transaction in netcentric

computing system for business establishments.

ADVANTAGE - By using execution architecture in netcentric computing system, the ability to digitize, organize and deliver **textual**, **graphical** and other information along with traditional data to a broader audience is improved. Provides application version checking and **dynamic** updating capabilities and executes application with the client which runs on multiple operating systems and hardware platforms.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of architecture for netcentric computing system.

pp; 245 DwgNo 1/53

Title Terms: COMPUTER; BASED; TRANSACTION; EXECUTE; ARCHITECTURE;  
COMPUTATION; SYSTEM; BUSINESS; ESTABLISH; PRESENT; SERVICE; SERVE; BASE;  
SERVICE

Derwent Class: T01

International Patent Class (Main): G06F-009/44

File Segment: EPI

Manual Codes (EPI/S-X): T01-F05G; T01-H07C3; T01-H07C5S; **T01-J05A1** ;  
T01-J05A2; T01-M02A1B

29/9/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012988066 \*\*Image available\*\*

WPI Acc No: 2000-159919/200014

XRPX Acc No: N00-119318

**Cost effective bandwidth selecting method for transmitting customizable multimedia content to end user**

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: CHADDHA N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6014701	A	20000111	US 97887754	A	19970703	200014 B

Priority Applications (No Type Date): US 97887754 A 19970703

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6014701	A		11	G06F-013/00	

Abstract (Basic): US 6014701 A

NOVELTY - The probability of consummating a sale by the end user, is computed using one of the indication of the user, stored in a database, based on request received from user. Corresponding to the computed probability, a cost effective bandwidth is selected for delivering multimedia content to the end user via computer network.

DETAILED DESCRIPTION - The probability of consummating a sale by the end user, is computed using one of the indication such as past patronage, income, credit, worthiness, age, hobbies, occupation and marital status which are stored in a database.

USE - For transmitting multimedia content including video-audio **stream** and **textual** and/or **graphical** information such as applets and HTML pages, to end user.

ADVANTAGE - As a cost effective bandwidth is selected for transmitting multimedia content, the marketing budget is spent wisely.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating selection of cost effective bandwidth for delivery scalable multimedia content.

pp; 11 DwgNo 5/5

Title Terms: COST; EFFECT; BANDWIDTH; SELECT; METHOD; TRANSMIT; CONTENT;  
END; USER

Derwent Class: T01

International Patent Class (Main): G06F-013/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-H07C3D; T01-H07C3E; **T01-J05A1** ; T01-J11C1;  
T01-M02A1B; T01-M02A1C

29/9/5 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

011044587 \*\*Image available\*\*  
WPI Acc No: 1997-022511/199703  
XRPX Acc No: N97-018715

**Electronic advertising display device - uses computer techniques to show static or moving images or text**

Patent Assignee: WEHR A (WEHR-I)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29616175	U1	19961205	DE 96U2016175	U	19960917	199703 B

Priority Applications (No Type Date): DE 96U2016175 U 19960917

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 29616175	U1		13	G09F-009/33	

Abstract (Basic): DE 29616175 U

The electronic display device uses system elements of a standard notebook computer. It depicts static and/or **dynamic images** and/or **text** which are preferably constructed as files on a separate computer system. These files are replaceably stored in the display device and are displayed by utilising standard data processing programs or programs specific to this device. The display device has a flat display (1) preferably in the form of a liquid crystal display, a TFT screen or a DSTN screen. A housing (2) for the control and memory elements is connected to the screen (1), either separably or permanently.

A fastening arrangement (5) for wall mounting the display and/or a support device (10,11) for setting the device on a surface, is attached to the flat display (1) or the housing (2). A decorative frame (7) is fixedly or removably attached to the flat display (1) or to the housing (2).

ADVANTAGE - Uses standard notebook computer construction. Does not involve additional cost for fast exchange of data. Does not require high power and has little energy loss. Can show static text image or moving or animated pictures.

Dwg.2/4

Title Terms: ELECTRONIC; ADVERTISE; DISPLAY; DEVICE; COMPUTER; TECHNIQUE; SHOW; STATIC; MOVE; IMAGE; TEXT

Derwent Class: P85; T01; W05

International Patent Class (Main): G09F-009/33

International Patent Class (Additional): **G09F-027/00** ; H04N-001/50;

H04N-003/10; H04N-009/30

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-C04; W05-E03

?

File 474:New York Times Abs 1969-2002/Jan 03  
 (c) 2002 The New York Times  
 File 475:Wall Street Journal Abs 1973-2002/Jan 03  
 (c) 2002 The New York Times  
 File 139:EconLit 1969-2001/Dec  
 (c) 2001 American Economic Association

Set	Items	Description
S1	69711	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	3382	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	98757	TEXT? OR WORD? OR NEWS OR QUOTE OR QUOTES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	256435	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	1148	S4(3N) (TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W) (TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	337	S4(3N) (CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	31779	TICKER? OR SCROLL? OR TELEGRAPH?(2N) (INSTRUMENT? OR RECEIV- ?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR C- RAWL? OR NEWSCRAWL? OR TEXTSCROLL? OR NEWSROLL?
S8	3223	S1-S2(10N) (STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	689	S1-S2(5N)S3
S10	0	S9 AND S5-S6
S11	1	S8 AND S1-S2(10N)S3(5N)S4
S12	68	S1-S2(5N)S7
S13	0	S12 AND S3 AND S5-S6
S14	6	S12 AND S3
S15	7	S11 OR S14
S16	7	RD (unique items)
S17	6	S16/1996:2002
S18	1	S16 NOT S17

?t18/7

18/7/1 (Item 1 from file: 474)  
 DIALOG(R)File 474:New York Times Abs  
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01031134 NYT Sequence Number: 069075801228  
**Profile of Sci-Tex Ltd, Israeli-based firm that specializes in applying  
 computer technology to otherwise low-technology industries. Sci-Tex's  
 basic product is 'imaging system' that enables graphic work to be done  
 on computer display screen. Use of Sci-Tex's imaging system in textile  
 , publishing, advertising and printing industries discussed. Photo of  
 Sci-Tex pres Efraim Arazi (L).)**  
 KLEIN, STANLEY  
 New York Times, Col. 1, Pg. 7, Sec. 3  
 Sunday December 28 1980  
 ?

XIAO Xioa-Yi,  
SARGENT Bradley J,  
PARANDOOSH Zahra,  
DAVID Gary S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9712680 A2 19970410  
Application: WO 96US15999 19961003 (PCT/WO US9615999)  
Priority Application: US 95387 19951003; US 95746 19951205; US 96813  
19960402; US 96410 19960610; US 96252 19960624; US 96426 19960905; US  
96435 19960906; US 96423 19960930

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW  
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW  
SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 94513

...International Patent Class: G09F-03:00

Fulltext Availability:

Detailed Description

Detailed Description

... minimize data errors. Because of the multiplicity of bars and spaces  
required for each alphanumeric **character**, bar **codes** generally require  
a relatively large space to convey a small amount of data. For instance

...or container

[MICROKAN'l fabricated from, preferably, porous material, such as  
polytetrafluoroethylene [marketed under the **trademark** TEFLON" (  
**Trademark**, E.

1. DuPont)] or polypropylene prepared with pores, that is inert to the  
reaction of...

30/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00271583

Printer having increased speed for printing graphics characters including blank characters.

Drucker mit hoher Geschwindigkeit zum Drucken von graphischen Zeichen, einschliesslich Blankozeichen.

Imprimante a vitesse accrue pour l'impression de caracteres graphiques, y compris en blanc.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Malcolm, Jerry Walter, 12040 Lincolnshire, Austin Texas 78758, (US)

LEGAL REPRESENTATIVE:

Atchley, Martin John Waldegrave (27831), IBM United Kingdom Limited  
Intellectual Property Department Hursley Park, Winchester Hampshire  
SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 265160 A2 880427 (Basic)  
EP 265160 A3 890426  
EP 265160 B1 920520

APPLICATION (CC, No, Date): EP 87309062 871014;

PRIORITY (CC, No, Date): US 918414 861014

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06K-015/00; B41J-019/14;

ABSTRACT WORD COUNT: 233

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	209
CLAIMS B	(German)	EPBBF1	191
CLAIMS B	(French)	EPBBF1	245
SPEC B	(English)	EPBBF1	2137
Total word count - document A			0
Total word count - document B			2782
Total word count - documents A + B			2782

...SPECIFICATION is converted or modified in order to be handled in the same manner as a **text data stream**. This modification includes **replacing codes** for preceding **graphics** nulls with coding for **text** spaces. Codes for text spaces are recognised by the control system to **cause** the **print** head to be **moved directly** to a **position** for printing the first **printable** character after the graphics nulls. The advantage of this arrangement is that throughput is significantly... modifying a graphics data stream is provided in order to improve printer throughput. The data **stream** is modified in that **codes** representing nulls preceding **codes** representing printable data are **replaced** with **codes** representing **text** spaces. **Text** spaces are **recognised** for causing the printer to perform as though it were printing a text data stream. ...

30/3,K/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00328272 \*\*Image available\*\*

USER DEFINABLE PICTORIAL INTERFACE FOR ACCESSING INFORMATION IN AN ELECTRONIC FILE SYSTEM

INTERFACE GRAPHIQUE DEFINISSABLE PAR L'UTILISATEUR SERVANT A ACCEDER A DES INFORMATIONS DANS UN SYSTEME DE FICHIERS ELECTRONIQUE

Patent Applicant/Assignee:

BAKER Michelle,

Inventor(s):

BAKER Michelle,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9610782 A1 19960411  
Application: WO 95US13120 19950929 (PCT/WO US9513120)  
Priority Application: US 94316518 19940930  
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU  
IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK TJ TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 33750

Fulltext Availability:  
Claims

Claim  
... command.code, and  
animation.selector.  
input: command-class  
character.model  
selection-arg  
output: icon  
command **code**  
**animation** .selector  
data stores: keycode.grammar  
**icon** list  
**SUBSTITUTE** SHEET (RULE 26)  
APPENDIX E 116  
begin procedure find.icon:  
for each animation in  
keycode...

30/3,K/3 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00281608 \*\*Image available\*\*  
**SYSTEM AND METHODS FOR AUTOMATICALLY DISPLAYING GRAPHICAL HELP IMAGES ON A  
COMPUTER**

**SYSTEME ET PROCEDES D'AFFICHAGE AUTOMATIQUE D'IMAGES D'AIDE SUR ORDINATEUR**

Patent Applicant/Assignee:

SOFTWARE PUBLISHING CORPORATION,  
Inventor(s):

WILKINSON John M,  
HUBBELL Ann Reed,  
CONNIF Jeffery C,  
HATCHER William Scott,  
FAATZ Mitchell R,  
EVERETT Steven A,  
TAN Jennie,  
PUGATCH Sheila,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9429786 A1 19941222  
Application: WO 94US6391 19940607 (PCT/WO US9406391)  
Priority Application: US 9376549 19930611  
Designated States: CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 10485

Fulltext Availability:  
Detailed Description

Detailed Description  
... button 130. The  
undo button 130 is preferably a button with an inverted "U" shaped **icon**  
displayed thereon. The method of the present invention **replaces** the  
normal title, 'Harvard **Graphics** ,' with the **text** string "Undo last



action " in the center of the title region 60. The present invention changes the display in...

30/3,K/4 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00164699

STEREOLITHOGRAPHIC BEAM PROFILING

PROFILAGE DE FAISCEAU STEREOLITHOGRAPHIQUE

Patent Applicant/Assignee:

3D SYSTEMS INC,

Inventor(s):

SPENCE Stuart Thomas,

TARNOFF Harry,

ALMQUIST Thomas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8911085 A1 19891116

Application: WO 89US1559 19890417 (PCT/WO US8901559)

Priority Application: US 88830 19880418; US 88816 19881108; US 88837 19881108; US 88907 19881108; US 88801 19881108

Designated States: JP KR

Publication Language: English

Fulltext Word Count: 29227

Fulltext Availability:

Detailed Description

Detailed Description

... I miscellaneous routines

f\$! keybrd.incl @f keyboard routines

f\$! graph.incl { screen graphics routines

f\$! time.incl I date and time routines

f\$! zstage.incl I...

30/3,K/5 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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164416

STEREOLITHOGRAPHIC CURL REDUCTION

REDUCTION DE PLISSEMENTS EN STEREOLITHOGRAPHIE

Patent Applicant/Assignee:

3D SYSTEMS INC,

Inventor(s):

OLY Charles William,

SPENCE Stuart T,

OLY Charles W,

VINSON Wayne B,

FREED Wayne S,

SMALLEY Philip Rollette,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8910801 A1 19891116

Application: WO 89US1558 19890417 (PCT/WO US8901558)

Priority Application: US 88823 19880418; US 89246 19890417

Designated States: JP KR

Publication Language: English

Fulltext Word Count: 178550

File 348:EUROPEAN PATENTS 1978-2002/Jan W04

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020124,UT=20020117

(c) 2002 WIPO/Univentio

Set	Items	Description
S1	82243	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	154165	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	435489	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	3217	(COMPANY OR CORPORATE OR CORPORATION OR BUSINESS OR COMPAN- IES) (3N) (DESIGNATION? OR BRAND?? OR LABEL?)
S5	252401	SIGNS OR SIGNAGE OR SIGN
S6	5334	MARQUEE??
S7	317846	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S8	839093	CHARACTER? OR CHARACTER() STRING?? OR COMPUTER() CODE?? OR C- ODE??
S9	594070	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRIT? OR OVER() WRI- T?
S10	394349	DISPLAY?? OR SCREEN? OR MONITOR?
S11	869872	SCOREBOARD? OR MESSAGE() CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S12	100	(SCORE OR READER) () BOARD??
S13	82195	LED OR LIGHT() EMIT? () DIODE?
S14	31612	LCD OR LCDS OR LIQUID() CRYSTAL() DISPLAY??
S15	461341	ELECTRONIC? OR ELECTRIC
S16	664936	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S17	704	TICKER?? OR STOCKTICKER? OR STOCK() TICKER? OR AUTOSCROLL? - OR NEWS CRAWL OR TEXTSCROLL?
S18	536259	S1:S4
S19	212985	(S5 OR S6 OR S10 OR S11 OR S12) (S) (S13 OR S14 OR S15)
S20	166	S18(S) S19(S) S9(3N) (S7 OR S8)
S21	68	S20(S) S16
S22	3	S20(S) S17
S23	16	S21 NOT AD=19960116:20020117
S24	16	S23 NOT S22
S25	7598	IC=G09F?
S26	2	S20 AND S25
S27	303	S9(3N) (S7 OR S8) (3N) S1
S28	15	S27(5N) (S16 OR S17)
S29	15	S28 NOT (S22 OR S24 OR S26)
S30	5	S29 NOT AD=19960116:20020117

22/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00757136 \*\*Image available\*\*

**METHODS AND APPARATUS FOR MANAGING INFORMATION RELATING TO SUBJECT MATTER  
OF COMMERCIAL TRANSACTIONS  
PROCEDES ET APPAREIL POUR GERER DES INFORMATIONS RELATIVES AU DOMAINE DES  
TRANSACTIONS COMMERCIALES**

Patent Applicant/Inventor:

KOPIKIS Alexis, 2000 Commonwealth Avenue, Brighton, MA 02135, US, US  
(Residence), -- (Nationality), (Designated only for: US)  
WALBORSKY Paul, 2000 Commonwealth Avenue, Brighton, MA 02135, US, US  
(Residence), -- (Nationality), (Designated only for: US)  
MARCUS David, 170 Puritan Road, Swampscott, MA 01907, US, US (Residence),  
-- (Nationality), (Designated only for: US)

Legal Representative:

ELBING Kristofer E, 187 Pelham Island Road, Wayland, MA 01778, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200070524 A1 20001123 (WO 0070524)  
Application: WO 2000US13885 20000518 (PCT/WO US0013885)  
Priority Application: US 99313829 19990518

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 28297

Fulltext Availability:

Claims

Claim

```
... NAME varchar(32) note id int
NEXT ID int client id int
USER NEWS ENTITLEMENTS
RATE SYMBOL MAP used1) varchar(20)
OF int entitled code varc=50
instrument int user id- int usedD--usedD
sp- symbol vorchort'10)
RATE
ID int
name ia-rchar(50)
isTop bit REPORT PREFERENCES
ID int...5 co ;pmany-id int
businessPhone varchar(51) name varchar(255)
emailAddress varchar(5) ticker varchar(10) I
faxNumber varchar(2)
usedD=usedD title varchar(5)
department varchar(30) WSUSER DELETED...
```

...NEWSTYPE

EXPIRATIONDATE datetime ID integer

BRAND varchar(20) CODE varcnall0)

TEXT text NAME varc(50)

**IMAGE**

'mc GNEWS bit

UPDATED date%9me ISFCUNK bit

id text numedc(10,0), ISRDUNK bit...

...r 10)

SEDOL varc r 10

CEDEL varc r 101  
 ISI N varc dll) EQUITY **SYMBOL** MAP  
 RULE 144A bit  
 SHARES nu 18) !D int  
 CURR ANN PAY dou precision instrument...

...r 0  
 PAR-VAL -PS - double precision sedol varchar 10  
 ERNGS AAT double precision RX **symbol** Va  
 EPS LATEST 12 MO double precision clCs@mboll varcha ID=ID  
 NET@ASSET-VAI double precision tfrLsymbol Varc a I  
 PE double precision sp **symbol** varc ar(10  
 GROSS ANN INC double precision reu **symbol** "rch' 0  
 VOL MDEU- hvr  
 int @mbol vcircha@110  
 DIV -PAY DATE teckjymbol varcha 10...

...Varchar(50)  
 companyll) int  
 Figs 39H  
 SUBSTITUTE SHEET (RULE 26)  
 /48  
 DOW JONES  
 REUTERS  
 REAL- **TIME** COMTEX  
 VERITYCD FEEDER --z,  
 PROCEIIES@@@ DATALINK  
 COMSTOCK  
 DOCUMENT  
 @INGESTER  
 IDC  
 SYBASE BATCH RST CALL  
 FEEDER...classification and IPC  
 B. FEELDS SEARCIEJED  
 Minimum documentation searched (classification system followed by  
 classification **symbols** )  
 U.S. : 705/35, 36  
 Documentation searched other than minimum. documentation to the extent  
 that...

...documents are included in the fields searched  
 IDS Submitted by applicant in US patent application  
**Electronic** data base consulted during the international search (name of  
 data base and, where practicable, search...

22/3,K/2 (Item 2 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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00546735 \*\*Image available\*\*  
**DYNAMICALLY CATEGORIZING ENTITY INFORMATION**  
**CATEGORISATION DYNAMIQUE D'INFORMATIONS D'ENTITES**  
 Patent and Priority Information (Country, Number, Date):  
 Patent: WO 200010108 A1 20000224 (WO 0010108)  
 Application: WO 99US18646 19990816 (PCT/WO US9918646)  
 Priority Application: US 9897029 19980817  
 Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
 FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
 MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
 GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE  
 DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR  
 NE SN TD TG  
 Publication Language: English  
 Fulltext Word Count: 6386  
 Fulltext Availability:  
 Claims

Claim

... the list on the left. A list of websites matched by FlAuto category will be **displayed** along with a list of subcategories. To narrow YOL  
Ei FIBusiness & Econorn  
-9 El Community...

...until you've found exactly what you're looking for. Happy hunt

M

Cn [homputers & **Electronics**

M Dining & Entertainment

q

Health

Government

M

Home & Real Estate

Hotels & Travel

Money & Law

Shops...

...Cl www.mccppc.org (Maryland-national Capital Park)

Business & Econom

cn

C: Community

co Computers & **Electronics**

!g

Fl Dining & Entertainment

m M Dining

cn

=C rmi Entertainment

m

C30ther Food & Drink...

...Incorporated in (State)

Incorporation Data

Years in Business

Public Co. Indicator (1)

Stock Exchange Code

**Stock Ticker Symbol**

Fortune Raiding

Stock Price Link

News Articles Link

Press Release Link

Annual Report Link

Patents

CompanV **Logo**

**Trademarks**

Physical Location

Address

City(1 6)

State Abbreviation

Zip Code

Zip+4

Phone

Fax Phone...

...Specific Code

Business Status Code

Office Size Code

Total Employee Size Code

Total Output/Sales **Code**

I

FIG, 9

**SUBSTITUTE SHEET (RULE 26)**

/1 1

CATEGORY CATEGORY TITLE, SIC CODES

CODE CONSUMER

AP APPAREL

APAC...56M AENPOS Magazine Publishers 272101  
APCUQ3 Surplus & Salvage 561102 AEMR Movies & Radio  
Merchandise  
AB4R01 Motion **Picture** Producers & 781205  
APCU04 Used Clothing 593205 Studios  
APTE Jewelry 5944,76 W631 AEMR02 Video Tapes...

...than minimum documentallon to the, exbent VW such documents are  
Included In the fields searched **Electronic**, data base consutted during  
the interrational search (name, of data bass and, where practlosti,  
search...

**22/3,K/3** (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00443927

**A COMMUNICATION SYSTEM ARCHITECTURE**  
**ARCHITECTURE D'UN SYSTEME DE COMMUNICATION**

Patent Applicant/Assignee:

MCI WORLDCOM INC,  
EASTEP Guido M,  
LITZENBERGER Paul R,  
OREBAUGH Shannon R,  
ELLIOTT Isaac K,  
STELLE Rick,  
SCHRAGE Bruce,  
BAXTER Craig A,  
ATKINSON Wesley,  
KNOSTMAN Chuck,  
CHEN Bing,  
VANDERSLUIS Kristan,

Inventor(s):

EASTEP Guido M,  
LITZENBERGER Paul R,  
OREBAUGH Shannon R,  
ELLIOTT Isaac K,  
STELLE Rick,  
SCHRAGE Bruce,  
BAXTER Craig A,  
ATKINSON Wesley,  
KNOSTMAN Chuck,  
CHEN Bing,  
VANDERSLUIS Kristan,  
JUN Fang DI,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9834391 A2 19980806  
Application: WO 98US1868 19980203 (PCT/WO US9801868)  
Priority Application: US 97794555 19970203; US 97794114 19970203; US  
97794689 19970203; US 97807130 19970210; US 97798208 19970210; US  
97795270 19970210; US 97797964 19970210; US 97800243 19970210; US  
97798350 19970210; US 97797445 19970210; US 97797360 19970210

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG

Publication Language: English  
Fulltext Word Count: 156226

24/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01291329

Method and apparatus for discriminating and counting documents  
Verfahren und Apparat zum Unterscheiden und Zählen von Dokumenten  
Procédé et appareil pour identifier et compter des documents

PATENT ASSIGNEE:

CUMMINS-ALLISON CORPORATION, (608580), 891, Freehanville Drive, Mount  
Prospect, Illinois 60056, (US), (Applicant designated States: all)

INVENTOR:

Graves, Bradford T., 3952 Newport Way, Arlington Heights, IL 60004, (US)  
Mazur, Richard A., 1508 Culpepper Drive, Naperville, IL 60540, (US)  
Mennie, Douglas U., 229 Wood Street, Barrington, IL 60010, (US)  
Jones, William J., 280 Poteet Avenue, Barrington, IL 60010, (US)  
Raterman, Donald E., 1345 Carol Lane, Deerfield, IL 60015, (US)  
Stromme, Lars R., c/o Kirsten One, Fagerlivn 18, 3080 Holmestrand, (NO)  
Bauch, Aaron M., 66 Meadow Lane, Boxborough, MA 01719, (US)  
Csulits, Frank M., 18192 Banbury Drive, Gurnee, IL 60031, (US)  
Jones, John E., 43 Long Meadow, Winnetka IL 60043, (US)  
Schreiter, Heinz W., 8049 N. Tripp Avenue, Skokie, IL 60076, (US)  
Munro, Mark C., 736 Parkwood Avenue, Park Ridge, IL 60068, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1107167 A1 010613 (Basic)

APPLICATION (CC, No, Date): EP 2001106346 950308;

PRIORITY (CC, No, Date): US 207592 940308; US 219093 940329; US 226660  
940412; US 243807 940516; US 287882 940809; US 317349 941004; US 340031  
941114; US 362848 941222; US 394752 950227; US 399854 950307

DESIGNATED STATES: BE; DE; FR; GB; IT; NL

RELATED PARENT NUMBER(S) - PN (AN):

EP 749611 (EP 95913629)

INTERNATIONAL PATENT CLASS: G06K-009/00; G06K-007/10; G07D-007/00;

G07D-007/20

ABSTRACT WORD COUNT: 166

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200124	1143
SPEC A	(English)	200124	69564
Total word count - document A			70707
Total word count - document B			0
Total word count - documents A + B			70707

...SPECIFICATION data samples. These two sets of data samples are then processed and compared to stored **characteristic** patterns corresponding to the green surfaces of currency bills of different denominations. If degree of...present aggregate totals for bills that have been identified at the end of a scan **run**. A preferred embodiment incorporates an abbreviated curved transport path for accepting currency bills that are ...the scanned bill or an error. The results of the first comparison are used to **streamline** a second comparison between detected and stored second characteristic information. The second comparison compares the...

24/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00975324

Pipeline decoding system  
Pipeline-System zur Dekodierung

# Systeme pipeline de decodage

## PATENT ASSIGNEE:

Discovision Associates, (260275), 2355 Main Street, Suite 200, Irvine, CA 92614, (US), (Proprietor designated states: all)

## INVENTOR:

Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol BS16 1NA, (GB)

Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley, Gloucestershire GL11 6BD, (GB)

Robbins, William Philip, 19 Springhill, Cam, Gloucestershire GL11 5PE, (GB)

Finch, Helen Rosemary, Tyley, Coombe, Wotton-Under-Edge, Gloucestershire GL12 7ND, (GB)

Boyd, Kevin James, 21 Lancashire Road, Bristol BS7 9DL, (GB)

## LEGAL REPRESENTATIVE:

Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20, rue Louis Chirpaz, 69131 Ecully Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 884910 A1 981216 (Basic)

EP 884910 B1 010509

APPLICATION (CC, No, Date): EP 98202132 950228;

PRIORITY (CC, No, Date): GB 9405914 940324

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL

RELATED PARENT NUMBER(S) - PN (AN):

EP 674443 (EP 95301301)

INTERNATIONAL PATENT CLASS: H04N-007/24; G06F-013/00; G06F-009/38

ABSTRACT WORD COUNT: 104

## NOTE:

Figure number on first page: 76

LANGUAGE (Publication,Procedural,Application): English; English; English

## FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199851	498
CLAIMS B	(English)	200119	330
CLAIMS B	(German)	200119	308
CLAIMS B	(French)	200119	382
SPEC A	(English)	199851	126705
SPEC B	(English)	200119	122739
Total word count - document A			127222
Total word count - document B			123759
Total word count - documents A + B			250981

...SPECIFICATION will tolerate loss of byte alignment in serial data communications.

If a non-aligned start **code** is found, it will normally indicate that a communication error has previously occurred. If the...

24/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00711605

## Reconfigurable data processing stage

## Rekonfigurierbare Datenverarbeitungsstufe

## Etage d'operation de donnees reconfigurable

## PATENT ASSIGNEE:

DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA 92714, (US), (Proprietor designated states: all)

## INVENTOR:

Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol, BS16 1NA, (GB)

Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley, Gloucestershire, GL11 6BD, (GB)

Robbins, William Philip, 19 Springhill, Cam, Gloucestershire, GL11 5PE, (GB)

## LEGAL REPRESENTATIVE:

Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20,



rue Louis Chirpaz, 69131 Ecully Cedex, (FR)  
PATENT (CC, No, Kind, Date): EP 674446 A2 950927 (Basic)  
EP 674446 A3 960814  
EP 674446 B1 010801  
APPLICATION (CC, No, Date): EP 95301300 950228;  
PRIORITY (CC, No, Date): GB 9405914 940324  
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL  
INTERNATIONAL PATENT CLASS: H04N-007/24; G06F-013/00; G06F-009/38  
ABSTRACT WORD COUNT: 144  
NOTE:

Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	2475
CLAIMS B	(English)	200131	1079
CLAIMS B	(German)	200131	1072
CLAIMS B	(French)	200131	1186
SPEC A	(English)	EPAB95	125236
SPEC B	(English)	200131	121335
Total word count - document A			127738
Total word count - document B			124672
Total word count - documents A + B			252410

...SPECIFICATION when valid decompressed odd/even field data is not available, even/odd field data is **substituted** for the unavailable odd/even field data. Independently decompressing the even and odd fields of...three cooperating components or subsystems that operate to variously adaptively pre-process the incoming digital **motion** video sequences, allocate bits to the pictures in a sequence, and adaptively quantize transform coefficients...

...discloses a method of removing frame redundancy in a computer system for a sequence of **moving** images. The method comprises detecting a first scene change in the sequence of **moving** images and generating a first keyframe containing complete scene information for a first image. The least one image following the first image in time in the sequence of **moving** images. This at least one frame being known as an interframe. Finally, detecting a second scene change in the sequence of **moving** images and generating a second keyframe containing complete scene information for an image displayed at...is decoded in the decoder 33 and is used to access registers contained within the **action** identification circuit 39. When the token being examined is a recognized control token, the **action** identification circuit 39 uses its reconfiguration state circuit for distributing the control signals throughout the state machine. As previously mentioned, this activates the state machine of the **action** identification decoder 39, which then reconfigures itself. For example, it may change coding standards. In this way, the **action** identification circuit 39 decodes the required **action** for handling the particular standard now passing through the state machine shown with reference to Figure 10.

Similarly, the processing unit 36 which is under the control of the **action** identification circuit 39 is now ready to process the information contained in the data fields...

24/3,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00674195

METHOD OF AND APPARATUS FOR STORING AND DISPLAYING A DOCUMENT  
VERFAHREN UND GERAT UM EIN DOKUMENT ZU SPEICHERN UND ANZUZEIGEN  
PROCEDE ET APPAREIL DE MISE EN MEMOIRE ET DE VISUALISATION DE DOCUMENTS  
PATENT ASSIGNEE:

EDEN GROUP LIMITED, (1508860), The Chapel, Rainow, Cheshire SK10 5XF,  
(GB), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

RANDALL, Stephen, Flat 12, 63 Hamilton Terrace, London NW8, (GB)

PATENT (CC, No, Kind, Date): EP 631677 B1 970102 (Basic)

WO 9318467 930916

APPLICATION (CC, No, Date): EP 93905511 930304; WO 93GB454 930304

PRIORITY (CC, No, Date): GB 9204678 920304

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06T-011/60;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS B	(English)	EPAB97	538
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CLAIMS B	(German)	EPAB97	441
----------	----------	--------	-----

CLAIMS B	(French)	EPAB97	573
----------	----------	--------	-----

SPEC B	(English)	EPAB97	2466
--------	-----------	--------	------

Total word count - document A			0
-------------------------------	--	--	---

Total word count - document B			4018
-------------------------------	--	--	------

Total word count - documents A + B			4018
------------------------------------	--	--	------

...SPECIFICATION far fewer bytes than the words and images they replace,  
the document illustrated by the **screen image** shown in Figure 2 can be  
defined with fewer bytes than the full version of...

...a self-contained hand held device, far more quickly and can be written  
to the **screen** more quickly too. Consequently, the user can **scroll**  
through the data reduced document faster as well.  
It is envisaged that the present invention...

24/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00479051

Data transmission method wherein a plurality of coding laws is used for  
transmission of a main and an auxiliary bitstream

Datenübertragungsverfahren zur Übertragung eines Haupt- und eines  
Hilfsbitstroms mithilfe einer Mehrzahl von Codierverfahren

Procede de transmission de donnees utilisant une pluralite de lois de  
codage pour transmettre un flux principale et un flux auxiliaire de bits

PATENT ASSIGNEE:

ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE, (201874), 54, rue La  
Boetie, 75008 Paris, (FR), (applicant designated states:  
BE;DE;ES;FR;GB;IT;NL;SE)

INVENTOR:

Tombal, Jurgen Marcel Emiel, Emiel De Backerlaan 12, B-2970 Schilde, (BE)

Reusens, Peter Paul Frans, Warande 121, B-9270 Laarne, (BE)

Sallaerts, Daniel, Steenweg op St. Joris Winge 14, B-3220 Aarschot, (BE)

LEGAL REPRESENTATIVE:

Vermeersch, Robert et al (1161), BELL TELEPHONE MANUFACTURING COMPANY  
Naamloze Vennootschap Patent Department Francis Wellesplein 1, B-2000  
Antwerp, (BE)

PATENT (CC, No, Kind, Date): EP 548415 A1 930630 (Basic)

EP 548415 B1 980218

APPLICATION (CC, No, Date): EP 91203411 911224;

PRIORITY (CC, No, Date): EP 91203411 911224

DESIGNATED STATES: BE; DE; ES; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: H04L-025/49;

ABSTRACT WORD COUNT: 153

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	9808	1278
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CLAIMS B	(German)	9808	1197
----------	----------	------	------

CLAIMS B	(French)	9808	1485
----------	----------	------	------

SPEC B	(English)	9808	9229
Total word count - document A			0
Total word count - document B			13189
Total word count - documents A + B			13189

...SPECIFICATION data transmission one further measure is taken to improve the signal characteristics of the coded **symbol stream** COD, i.e. long strings of zeroes are **replaced** by a special **code** word containing a violation. This is necessary because the receiver R has to be able to recover the clock with which the transmitter T has transmitted the **symbols** . Long strings of zeroes cause the receiver to loose its synchronization with this clock which...

...zeroes with such a special code word wherein the violation is used to distinguish and **replace** the **code** **word** at the receiving end.

...

24/3,K/6 (Item 6 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2002 European Patent Office. All rts. reserv.

00464867

Light emitting diode scanner  
 Lichtaussendender Diodenabtaster  
 Lecteur a diodes emettrices de lumiere

PATENT ASSIGNEE:

SYMBOL TECHNOLOGIES, INC., (417663), 116 Wilbur Place, Bohemia New York  
 11716-3300, (US), (applicant designated states:  
 AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

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 Barkan, Edward, 6 Lily Drive, Setauket, New York 11720, (US)  
 Shepard, Howard M., 18 Provost Avenue, Great River, New York 11739, (US)  
 Goren, David, 245 Victory Drive, Ronkonkoma, New York 11779, (US)  
 Biuso, Tony, 24 Bellwood Avenue, South Setauket, New York 11720, (US)

LEGAL REPRESENTATIVE:

Maggs, Michael Norman et al (59191), Kilburn & Strode 20 Red Lion Street,  
 London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 469305 A2 920205 (Basic)  
 EP 469305 A3 920902  
 EP 469305 B1 990331

APPLICATION (CC, No, Date): EP 91110750 910628;

PRIORITY (CC, No, Date): US 562130 900803

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06K-007/10;

ABSTRACT WORD COUNT: 127

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9913	675
CLAIMS B	(German)	9913	614
CLAIMS B	(French)	9913	746
SPEC B	(English)	9913	4920
Total word count - document A			0
Total word count - document B			6955
Total word count - documents A + B			6955

...SPECIFICATION slight movement when the motor coil 50 is not energized will cause the mirrors to **move** . The output 54 from the detector 53 is applied to a controller 55, and an...

...be turned on again due to the movement to orient it toward the next bar **code** **symbol** .

Instead of the contact type of scanner seen in Figure 5, the unit may be of...

24/3,K/7 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00329022

MULTIMEDIA SYSTEM RECEPTIVE FOR PRESENTATION OF MASS DATA COMPRISING AN APPLICATION PROGRAM INCLUSIVE OF A MULTIPLATFORM INTERPRETER, AND A PLATFORM SUBSYSTEM ARRANGED FOR INTERACTION WITH SAID MULTIPLATFORM INTERPRETER, AND MASS MEMORY FOR USE WITH SUCH SYSTEM OR SUBSYSTEM  
SYSTEME MULTIMEDIA PRET POUR PRESENTER DES DONNEES EN MASSE COMPRENANT UN PROGRAMME D'APPLICATIONS CONTENANT UN INTERPRETE MULTIPLATE-FORME, SOUS-SYSTEME DE PLATE-FORME INTERAGISSANT AVEC CET INTERPRETE MULTIPLATE-FORME, ET MEMOIRE DE MASSE S'UTILISANT AVEC UN TEL SYSTEME OU SOUS-SYSTEME

Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,  
PHILIPS NORDEN AB,

Inventor(s):

GELISSEN Johan Hendrik Antoon,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9611532 A2 19960418

Application: WO 95IB759 19950913 (PCT/WO IB9500759)

Priority Application: NL 94202839 19940930; NL 94202961 19941013

Designated States: JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 5961

Fulltext Availability:

Claims

Claim

- ... data formats that can be played by most platforms, although it may require some real- **time** conversion by the delivery platform. Some data may still have to be presented in two...library (CPF.DLL, CPF.LIB), an operating system (Microsoft WINDOWS, CD-RTOS: Compact Disc Real- **Time** Operating System, derived by Microware, Des Moines, Iowa, USA) and appropriate hardware (multimedia PC hardware...
- ...a disc handler 72, a presentation handler 72 for interacting with audio and/or video **display**, and a utilities handler. In the present context, these utilities may be realized by further facilities, such as **graphical** input mechanisms. Viz @ viz the next lower level the handlers have a device driver interface...higher level, and translate these into actions on the device, as determined by the electromechanical, **electronic**, and possibly further dimensioning of the device in question. Viz ii viz the next lower...
- ...A final element is a presentation device 88, such as an audio device, a video **display** or a subsystem thereof. The devices as shown may be interconnected by direct physical links...
- ...actions have not been shown in this Figure. In particular, the audio and video data **streams** do not pass through the box 100, because this would cause overhead and associated slower operating. In the non-real- **time** operating mode, a title has audio, video and control files, and the control file contains files to transport to other devices. On the other hand, in a real- **time** operating mode, there is a real- **time** file that contains interleaved parcels of audio, video, and control. The handler in the interpreter...
- ...the selecting among those parcels for transferring to the intended locations, and at the same **time** assigning the correct audio and video related functions to those parcels. The timing information shown... signals that not all FORTH words in the context content have been interpreted, but that ( **instead** ) the FORTH instruction **word** 'sleep' has been executed. The execution of this FORTH word saves the execution state in...described to realize the actual playback at an end user

```

show-cursor
d-dyuv surfacel - coding!
START. image - surfacel - 0 0 0 copy-obj
STARTO.hs- surfacel- attach-obj
cursorO- STARTO.hs- attach-obj
0 surface2 - surface I ~ surf-order
display .625 display
dur ~ vn@ time -check surface2 - surface 1 - $wait wipe-clock
384 280 cursor-position
entry;
. . . . .O. . . . .
Table 7
local-context: next contextimage: next. image
r" /hO/STRUCTED/VIDEO/CLUT7.cl7" image -source!
image ;
timer: nextO-timer
100 interval!
0 count!
1 ]]count: 'h I
n 6 effect - v...
...stop
context - 2ctxt
count;
timer;
entry: on-entry
hide-cursor
d-clut7 surface2- coding!
next- image - surface2- palette2- 0 0 copy-obj
palette2- surface2- attach-obj
0 surface I - surface2 - surf-order
display
625 display
dur - vn@ time -check surfacel - surface2 - $wait wipe-bt
384 280 cursor-position
nextO-timer- start-obj
entry...

```

**24/3,K/8** (Item 2 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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00297050

**ELECTRONIC GAMING APPARATUS**  
**APPAREIL DE JEU ELECTRONIQUE**

Patent Applicant/Assignee:

SPINTEK INTERNATIONAL,

Inventor(s):

MATHIS Richard M,

MICHAELSON Richard E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9515201 A1 19950608

Application: WO 94US13833 19941201 (PCT/WO US9413833)

Priority Application: US 93162501 19931203

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU

JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE

SI SK TJ TT UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC

NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10498

Fulltext Availability:

Detailed Description

Detailed Description

... and

the rotation is subsequently stopped at angular positions  
 which are indicated by indicia or **symbols** on the periphery of

each reel, The angular positions of the reels determines whether or...

...were made in accordance with a payout schedule related to the probability of occurrence of **symbols** appearing on the reels after stoppage, the **symbols** appearing through a window on the housing of the apparatus, Subsequent developments in this art provided electromechanical constructions which used similar stopping methods,,.while more recently **electronically** operated apparatus have transitioned from control of such tripping arms by relay logic to outputs from signal generators.generating a random **SUBSTITUTE SHEET (RULE 26)** **code** of numbers. In these newer **electronic** devices, solenoid actuated brakes have been controlled to stop each reel in sequence, and the...  
...i,e,, made larger, to increase the number of stopping positions and the number of **symbols displayed** , if the number of reels remained constant, Of course, the number of reels could be...electromechanical apparatus operated on substantially the same basis except that the reels were set in **motion** by electrical means,  
Later developments involving **electronic** machines utilized the probability or reel position selection resulting from random number generators, For example...  
...and therefore, the odds of stopping at a particular position, i.e.; hitting a single **symbol** , on each reel is substantially the same as in the mechanical or electromechanical machines, The **electronic** gaming apparatus of Saxton et al, is intended to select the combination randomly at the...

24/3,K/9 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00244187 \*\*Image available\*\*  
**METHOD OF AND APPARATUS FOR STORING AND DISPLAYING A DOCUMENT**  
**PROCEDE ET APPAREIL DE MISE EN MEMOIRE ET DE VISUALISATION DE DOCUMENTS**  
Patent Applicant/Assignee:  
EDEN GROUP LIMITED,  
RANDALL Stephen,  
Inventor(s):  
RANDALL Stephen,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9318467 A1 19930916  
Application: WO 93GB454 19930304 (PCT/WO GB9300454)  
Priority Application: GB 924678 19920304  
Designated States: JP KR US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 2902

Fulltext Availability:  
Detailed Description

Detailed Description

... far fewer bytes than the words and images they replace, the document illustrated by the **screen image** shown in Figure 2 can be defined with fewer bytes than the full version of...

...a self-contained hand held device, far more quickly and can be written to the **screen** more 0 quickly too. Consequently, the user can **scroll** through the data reduced document faster as well.

It is envisaged that the present invention...

24/3,K/10 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00234265 \*\*Image available\*\*  
SYSTEM FOR DIVIDING PROCESSING TASKS INTO SIGNAL PROCESSOR AND  
DECISION-MAKING MICROPROCESSOR INTERFACING  
SYSTEME DE SEPARATION DES TACHES DE TRAITEMENT EN TACHES POUR INTERFACAGE  
AVEC UN PROCESSEUR DE SIGNAUX ET UN MICROPROCESSEUR DE PRISE DE  
DECISION

Patent Applicant/Assignee:

STAR SEMICONDUCTOR CORPORATION,

Inventor(s):

ROBINSON Jeffrey I,

ROUSE Keith,

KRASSOWSKI Andrew J,

MONTLICK Terry F,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9308524 A1 19930429

Application: WO 92US8954 19921014 (PCT/WO US9208954)

Priority Application: US 91776161 19911015

Designated States: AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE

Publication Language: English

Fulltext Word Count: 219172

Fulltext Availability:

Claims

Claim

... words, the access port 900 permits memory contents to be modified while the SPROC is **running**. In its preferred form, and as seen in Figure 9, the access port 900 is...data files must be converted into code and a configuration file must be generated to **run** on the chip. The SPROCbuild utility completes this for the designer by automatically converting the...

...To debug a design, the designer must transfer the configuration file onto the chip and **run** the design. The SPROCdrive interface (SDI) allows one to write the configuration to the chip...

...design can be ported for use in the end application. If the application is to **run** from a self-booting chip, the configuration file can be used to burn an EPROM...

...EPROM can be placed on a specific printed circuit board. If the application is to **run** from a microprocessor, the SPROClink microprocessor interface (SMI) helps the designer develop a microprocessor application...Subroutine: (5 \* #-of instances) + 17 program RAM locations  
(1 \* #-of instances) data RAM locations

Icon :

CMULT?

CMULT

3 1

4 2

WINK

Function: The dsink cell accumulates two series of...

...the length parameter) into two blocks of data RAM. The blocks are stored beginning at **symbolic** location 'instance-name.outvector1' and 'instance name.outvector2'. Both blocks (vectors) are accessible from an...

...Subroutine: (4\* 4LolInstances) + 13 program RAM locations  
(2\*length + 5) \* #-of instances) data RAM locations

Icon :

SINK?

DSINK

24/3,K/11 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00222609

**AIRTIGHT TWO-PHASE HEAT-TRANSFER SYSTEMS**

**SYSTEMES DE TRANSFERT DE CHALEUR A DEUX PHASES ET ETANCHES A L'AIR**

Patent Applicant/Assignee:

MOLIVADAS Stephen,

Inventor(s):

MOLIVADAS Stephen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9219851 A2 19921112

Application: WO 92US1654 19920311 (PCT/WO US9201654)

Priority Application: US 91853 19910507

Designated States: AT AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DE

DK DK ES ES FI FR GA GB GB GN GR HU IT JP KP KR LK LU LU MC MG ML MN MR

MW NL NL NO PL RO RU SD SE SE SN TD TG US

Publication Language: English

Fulltext Word Count: 110544

Fulltext Availability:

Detailed Description

Detailed Description

... of one or more 'external characterizing parameters', namely of one or more of several parameters **characterizing** an airtight configuration's one or more heat sources, and where applicable associated equipment; an ...both the refrigerant principal circuit. and around the evaporator refrigerant auxiliary circuit, under the forced **action** of a DR pump: and the first and second superscripts are used to indicate the...

...2 and around evaporator refrigerant auxiliary circuit 2 43 49 48 primarily under the forced **action** of DR pump 46. A class 111' configuration with a 4-port separator having a ...inlet 61 and a I 0 refrigerant outlet 62; and refrigerant circulates, under the forced **action** of SC pump 63, around subcooler refrigerant auxiliary circuit 66 59 62 64 66, where...LPSAFE; LR > LPSAFE; PR 5 pFsAFE; and TR :5 TR,SAFE' (5), (6), (7), (8) **Symbols** Lcl LRY 41 PR, and T., were defined earlier in this section V,F,2,a. The remaining **symbols** in the last eight relations are defined next: the **symbol** LP,SAFE denotes the minimum value of  $l_p$  at which the engine should be allowed to **run**; the **symbol** LR,SAFE denotes the minimum value of 4 for which the cooling system's refrigerant pump does not cavitate significantly; and **symbols** pr,SAFE and TR,SAFE denote the maximum values Of PR and T., respectively, at which the engine should be al lowed to **run**. (Although condition (6) would not damage the engine directly, it would usually do so indirectly ...

24/3,K/12 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00199327 \*\*Image available\*\*

**ARTIFICIAL NEURAL DEVICE**

**DISPOSITIF NEURAL ARTIFICIEL**

Patent and Priority Information (Country, Number, Date):

Patent: WO 9116686 A1 19911031

Application: WO 91CA139 19910426 (PCT/WO CA9100139)

Priority Application: CA 2575483 19900426

Designated States: AT AU BE BR CH DE DK ES FI FR GB GR IT JP KP LU NL NL PL

SE SU US

Publication Language: English

Fulltext Word Count: 32720



Fulltext Availability:  
Claims

Claim

... as defined in Claim 12 further comprising means for employing any fixed rate or dynamic **time** variable decay on the magnitude components of the vect@r elements within the correlation set...transformation group may be configured as a modular holographic neural device whether software based, micro@ **electronic** based, electro@ mechanically based, optically based, biologically based or otherwise.

(b) Arranging a plurality of...including:

(a) visual recording means f or producing a stimulus signal representative of a visual **image** ;

(b) means for generating an auditory response signal associated with a stimulus signal representative of said visual **image** ;

(c) said means for encoding data onto said data and processing means include:

M means...

...means f or storing mapped stimulus@

response associations onto said memory storage means-;

(b) an **electronic** or micro@ **electronic** means includina:

(i) processor means;

4 i a plurality of data input means f or...recognized stimulus and conversely switch off f or unrecognized stimulus.

(f) Implement a constant or **time** variable decay of the magnitude components f or the vector elements within the correlation set...which the analysis or simulation may be restructured within the

domain of a stimulus@response **action** or association. For instance a finite mesh analysis whereby the values of parameters or variables...

24/3,K/13 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00188710

A REMINDER FUNCTION FOR EXECUTIVE INFORMATION PROCESSING

FONCTION DE RAPPEL POUR LE TRAITEMENT D'INFORMATIONS D'EXECUTION

Patent Applicant/Assignee:

COMSHARE INCORPORATED,

Inventor(s):

CRANDALL Richard L,

LIEFFERS Dorothy A,

BEYER Thomas P,

HANSKNECHT Paul E,

ESCHMAN James K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9106054 A1 19910502

Application: WO 90US4860 19900830 (PCT/WO US9004860)

Priority Application: US 89506 19891017

Designated States: AT AU BE CH DE DK ES FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 12131

Fulltext Availability:  
Claims

Claim

... exiting a currently executing process and by allowing the user to save various types of **screen displays** as part of a reminder message. More specifically, to achieve the objects and in accordance...

by way of **screen** 500. If a user wishes to be ...includes the ASCII text of-any attached Note-it. Note-Its not associate with a **screen display** (Fig. 8) are also stored in note size portion 1104 and note text portion 1106.

**Graphics** output capture portion 1110 is used to store **screen** only snapshots, and includes data describing the **screen displayed** by the process being executed when the reminder was saved. The exact content of **graphics** output contents capture portion 1110 is not critical to the present invention, and any of a number of well-known **graphics** storing formats can be used to store the **screen** generated when the reminder was saved.

Variable portion 1108 is of zero length for **screen** only snapshots and for Note-It reminders not associated with a **screen display**. In a reminder entry for A Redi-Mail memo, variable portion 1108 includes portions 1200...

24/3,K/14 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00171840 \*\*Image available\*\*

#### ASSAYOMATE

#### AUTOMATE POUR ANALYSES

Patent and Priority Information (Country, Number, Date):

Patent: WO 9005293 A1 19900517

Application: WO 89US4981 19891107 (PCT/WO US8904981)

Priority Application: US 8851 19881108

Designated States: AT AU BE CH DE FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 161422

Fulltext Availability:

Detailed Description

Detailed Description

... from the

twenty known biological amino acids. In the complex process by which the genetic **code** on deoxyribonucleic acid (DNA) is copied and proteins are finally assembled according to the code...VKI overlay.

CURSOR procedure (lines 2800Off)

The CURSOR procedure distinguishes among three different types of **graphic** cursors. First a DATA CURSOR that jumps from data point to data point on one...

...among the ten data curves (CURSOR = 1-10). Second an XYCURSOR that is used to **move** in thr

24/3,K/15 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00155881

#### METHOD AND APPARATUS TO MONITOR CHOLESTEROL LEVELS

#### PROCEDE ET APPAREIL POUR CONTROLER LES TAUX DE CHOLESTEROL

Patent Applicant/Assignee:

THE BETH ISRAEL HOSPITAL ASSOCIATION,

Inventor(s):

SERUR Juan R,

BURSELL Sven-Erik,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8902249 A1 19890323

Application: WO 88US3090 19880908 (PCT/WO US8803090)

Priority Application: US 8752 19870909

Designated States: AT AU BE BR CH DE FR GB IT JP LU NL SE

Fulltext Availability:  
Claims

#### Claim

... as aqueous humor) and the lens;

FIG4 2 is a schematic diagram of the quasi- **electric** light spectroscopy instrumentation used in the method of the present invention;

FIG\* 3 illustrates the...

...from normal rabbits

over a period of 380 days at the 5 microsecond (ps) sampl! **time** ;

FIG. 4 illustrates the average decay constant obtained 1.5 using the method of the...

...invention from normal rabbits

over a period of 380 days at the 100 ps sample **time** ;

FIG, 5 illustrates the dependence of the aqueous 20 scattering factor an the Latal blood...the present invention is as follot-ts and is illustrated in FIG. 2, The quasi- **electric** light spectroscopy apparatus 10 is based on a modified Haag-Striet slit lamp biomicroscope which...

...low retinal illuminance, approximately 20

mW/cm:2, giving a maximum permissable retinal exposu're **time** of 1000 seconds.

SUBSTITUTE SHEET

The optical section of the laser beam in the aqueous...

...eyepiece

of the slit lamp, A 150 gm diameter optical fiber is positioned at the **image** plane in one of the observation oculars and centered over the **image** of the focal spot in the aqueous. Vertical micrometer adjustments of the incident laser beams facilitates the centering of the **image** of the focal spot of the beam in the aqueous of the eye over the...is analyzed in the

form of an intensity autocorrelation function using the methodology of quasi- **electric** light.scattering spectroscopy. 10 This technique measures the temporal fluctuations and scattered light intensity resulting from Brownian **motion** of the aqueous protein scattering elements. The temporal fluctuations and scattered light intensity are proportional...

...t + TH

For T varying from & T to 128 x &T where b6T the sample

**time** can be chosen from 100 ns to 1 s,

In the simplest case of light being scattered from a single scattering species undergoing translational Brownian **motion** , the resulting autocorrelation functions will have the form:

$g(T) = \frac{1}{2}(1 + \exp(-2T/T))$

SUBSTITUTE SHEET

Where T I is the characteristic decay **time** and i is the scattered light intensity detected by the PMT. The decay constant I...

...r

B A

Where K is Soltzman's constant, T is the absolute

8 A

**temperature** in degrees K. and IL is the viscosity of the medium.

In the lens of...quantification of two distinct sizes of lens protein scatterers,

The measurements at the Bps sample **time** were characteristic of

the 100ps sample **time** .

romp

SUBSTITUTE SHECO a

It was noted, while performing measurements on the lenses of the...signal originated from a fairly monodispersed distribution of scatterers. Based on a cumulant analysis, a sample **time** of 5ps was chosen as optimum for characterizing the decay constant of these scatterers. Two...

...The measurements from the aqueous may provide a useful, clinical method for the non-invasive **monitoring** of blood cholesterol, levels.

The invention may be embodied in other specific forms without departing...

24/3,K/16 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00138872

**DIGITAL INFORMATION STORAGE AND RETRIEVAL USING VIDEO SIGNALS  
STOCKAGE ET EXTRACTION D'INFORMATIONS NUMERIQUES UTILISANT DES SIGNAUX  
VIDEO**

Patent Applicant/Assignee:

AMERICAN TELEPHONE & TELEGRAPH COMPANY,

Inventor(s):

WORTH Joseph Patrick,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8703732 A1 19870618

Application: WO 86US2558 19861126 (PCT/WO US8602558)

Priority Application: US 85808 19851211

Designated States: AT BE CH DE FR GB IT JP KR LU NL SE

Publication Language: English

Fulltext Word Count: 4722

Fulltext Availability:

Claims

Claim

... frames,, with 588 bits per frame. Each frame consists of twenty-four 8-bit information **symbols** , one 8-bit subcode control wordr eight 8-bit error correcting code words, and one...

...for the disc and read head, To achieve these objectives, the thirty three 8-bit **symbols** (all but the sync field) are modulated by an Eight to Fourteen Modulation (EFI-1...

...transition in the recorded data. There are 267 combinations of fourteen bits which satisfy the **run** length constraint of at least two Os and a maximum of ten Os. Of these 267 patterns, there are ten patterns that could introduce difficulties in concatenating the **symbols** and,, therefore, they are omitted, One additional pattern is omitted at random, and a final...

...consecutive Os.

Therefore, three merging bits are appended (e.g., 010) to each of the **symbols** . This results in a total of 588 bits consisting of (24 + 3) sync bits plus (33 x (14 + 3)) **symbol** bits. The merging bits also reduce the DC content of the recorded information. The sync field is constructed from two maximum **run** length PCT/US86/02558

sequences (maximum number of zeros) and the resulting bit-pattern is...video discs.

26/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01021587

A twisting cylinder display using multiple chromatic values  
Drehzylinderanzeige unter Verwendung einer Mehrzahl Chromatischer Werte  
Afficheur a cylindres de torsion utilisant plusieurs valeurs chromatiques  
PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, Rochester, New York 14644,  
(US), (Applicant designated States: all)

INVENTOR:

Sheridon, Nicholas K., 101 Garland Way, Los Altos, California 94022, (US)

LEGAL REPRESENTATIVE:

Skone James, Robert Edmund (50281), GILL JENNINGS & EVERY Broadgate House  
7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 913804 A2 990506 (Basic)  
EP 913804 A3 000816

APPLICATION (CC, No, Date): EP 98308684 981023;

PRIORITY (CC, No, Date): US 960868 971030; US 962976 971030; US 960707  
971030

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G09F-009/37

ABSTRACT WORD COUNT: 170

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9918	679
SPEC A	(English)	9918	8457
Total word count - document A			9136
Total word count - document B			0
Total word count - documents A + B			9136

INTERNATIONAL PATENT CLASS: G09F-009/37

...SPECIFICATION is possible to obtain a savings of electric power when displaying an image.

Since the **display** medium 2 has memory properties, rapid response, the ability to provide a multi-optical property **display**, an **image** of high quality and properties to attain saving of **electric** power, its **characteristic** to **substitute** for paper is heightened, and hence, this **display** medium is able to make a contribution to the protection of the global environment.

Since...

26/3,K/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00371938

MATRICES WITH MEMORIES, SENSORS WITH MEMORIES AND USES THEREOF  
MATRICES A MEMOIRES, CAPTEURS A MEMOIRES ET UTILISATIONS CORRESPONDANTES  
Patent Applicant/Assignee:

IRORI,  
NOVA Michael P,  
POTASH Hanan,  
XIAO Xioa-Yi,  
SARGENT Bradley J,  
PARANDOOSH Zahra,  
DAVID Gary S,

Inventor(s):

NOVA Michael P,  
POTASH Hanan,

File 635:Business Dateline(R) 1985-2002/Jan 30  
(c) 2002 ProQuest Info&Learning  
File 647:CMP Computer Fulltext 1988-2002/Jan W3  
(c) 2002 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2002/Jan W2  
(c) 2002 IDG Communications  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	225739	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	346501	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	411871	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	248744	SIGNS OR SIGNAGE OR SIGN
S5	3423	MARQUEE??
S6	1149680	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S7	285969	CHARACTER? OR CHARACTER() STRING?? OR COMPUTER() CODE?? OR C- ODE??
S8	476515	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRIT? OR OVER() WRI- T?
S9	445771	DISPLAY?? OR SCREEN? OR MONITOR?
S10	1587456	SCOREBOARD? OR MESSAGE() CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S11	644	(SCORE OR READER) () BOARD??
S12	205558	LED OR LIGHT() EMIT? () DIODE?
S13	15953	LCD OR LCDS OR LIQUID() CRYSTAL() DISPLAY??
S14	962636	ELECTRONIC? OR ELECTRIC
S15	1284910	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S16	53982	TICKER?? OR STOCKTICKER? OR STOCK() TICKER? OR AUTOSCROLL? - OR NEWS CRAWL OR TEXT SCROLL?
S17	826115	S1:S3
S18	317	(S4 OR S5) (S) (S9 OR S10 OR S11) (S) (S12 OR S13 OR S14) (S) S15
S19	113	S17(S) S18
S20	25	S19(S) S8(S) (S6 OR S7)
S21	5	S20 NOT PY=>1996
S22	5	RD S21 (unique items)
S23	5344	S8(3N) (S6 OR S7)
S24	245	S23(5N) S17
S25	0	S24(10N) S16
S26	0	S24(S) S16
S27	11	S24(10N) S15
S28	11	S27 NOT S20
S29	4	S28 NOT PY=>1996
S30	4	RD S29 (unique items)
S31	0	REPLAC?(3N) (TEXT OR CODE) (3N) WITH(3N) S1
S32	45	REPLAC?(3N) (TEXT OR CODE) (3N) S1
S33	25	S32 NOT PY=>1996
S34	25	S33 NOT (S20 OR S27)
S35	22	RD S34 (unique items)
S36	40917	(COMPANY OR CORPORATE OR CORPORATION OR BUSINESS OR COMPAN- IES) (3N) (DESIGNATION? OR BRAND?? OR LABEL?)
S37	0	S23(3N) S36(5N) S17

22/3,K/1 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01022154 CMP ACCESSION NUMBER: WIN19940601S1885  
**Mobile Mail Keeps Remote Users in the Loop** (E-Mail Software)  
Hailey Lynne McKerry  
WINDOWS MAGAZINE, 1994, n 506 , 076  
PUBLICATION DATE: 940601  
JOURNAL CODE: WIN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: New Products

TEXT:

... access impor- tant messages without having to sort through all of them. The package includes **icon** - based location profiles, which can be altered with a single mouse click, to connect from often visited destinations. More than 40 location **icons** (hotel, home, office, cities, countries) ship with the product; you can also add your own **icons** (a corporate **logo** , for example). Pick lists guide you in setting the communications type, serial port parameters, baud...

...via ISDN, PBX, direct connection, RAM Mobile Data, cellular and landline modems. The package includes **scripts** for more than 70 popular modems and supports background operation. A preview function lets you gather information about incoming messages, such as estimated transmission **time** , subject, priority, author, size and attachment names. cc:Mail Mobile offers built-in support for...

...version, a button bar has been added to the pop-up menus. The bar includes **icons** for such commands as open, create, reply and discard. There is also a Put Away...

...discard it or place it in a folder. Notework 3.0 offers Windows' Clipboard support, **scroll** bars, dialog boxes, resizable windows and the ability to select your own fonts. The Speed Read function automatically tags new messages and **displays** the first message upon **sign** in. You can **display** incoming and out- going messages side by side. Notework 3.0 Price: Engine, \$199; Ten...

...using Portable Mail for Windows. The software can download UNIX mail files so you can **display** , save, answer and manipulate mail using the Windows GUI. The interface includes an **icon** bar, accelerator keys for most menu operations, a **graphical** customization window and a status bar. When you get back to your UNIX workstation, Portable...

...tool, brings up a document log that lists scheduled and concluded faxes. FaxTracker can also **display** the results of a search and provides specific fax information, such as the file name...

...JT Fax, Brooktrout and GammaLink fax modems), and lets you send and receive faxes through **electronic** mail packages, such as Lotus cc:Mail, Microsoft Mail or any MHS e-mail package...

...a document into your PC or print documents on your fax machine. DataFax+'s optical **character** recognition (OCR) engine transforms scanned documents into editable **text** . In the new version of DataFax+, the OCR engine features improved ligature recognition to allow it to distinguish among **letters** that touch each other, according to Trio Information Systems. Once faxes are OCR-processed, they...

...of application formats, including .RTF, ASCII, Lotus 1-2-3, Ami Pro, Excel 2.0, **Word** for Windows 2.0 or 6.0, **WordPerfect** 5.0 or 5.1, and Type Reader 1.0. The DataFax software includes a Captive QuickFax **icon** which lets you clip data from an application, add a fax address and send it. The Smart Dialing feature lets you add country, area and long distance dialing **codes** to your dialing directory. Also included are a cover page editor, which lets you create...

...can be set to kick in after 5, 15, 30 or 60 minutes of nonuse. **Display** controls, which allow user's to make 14 different adjustments to the **monitor** including raster rotation, pincushion and trapezoid (phase) control and color calibration to match Pantone and device output color samples, are mounted at the front of the **monitor**. A bezel-mounted **LCD displays** the current **graphics** resolution. The VisionMaster 17 **monitor** features an integrated tilt and swivel base and comes with a three-year warranty as...

...Pro upgrade kits include a double-speed CD-ROM drive with a 320ms average access **time** and a 300KBps data -transfer rate. A Media Vision 16-bit sound card with 16...

22/3,K/2 (Item 1 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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043872

**Dialing up remote connections**

**NetworkWorld Review, NetworkWorld TEST ALLIANCE**

Byline: Gerald Williams

Journal: Network World Page Number: 69

Publication Date: April 24, 1995

Word Count: 2418 Line Count: 223

**Text:**

... same protocols as if they were locally attached. In contrast, remote control users exchange only **screen images** and keystrokes with a net-attached host. This approach makes the connection faster for programs that aren't **graphics** -intensive. All the units we tested support multiple levels of security. User IDs and passwords...

... be defined on the remote access server, and the units pass the user to the **logon screen** of the network, providing another security level. Attachmate's RLN Turnkey Server extends security with...

... server. Ease of use is another important feature we tested. Microcoms LANexpress includes a full **graphical** interface that allows users to **run electronic** mail and other applications with a click of an **icon** button. The other products also offer Windows interfaces, but they only make a connection to...

...we were only able to get a maximum of six ports working at a given **time**. After consultations with the vendor, we believe that the fault may have been a hardware...config-uration task, and it allows the administrator to collect more than 200 statistics to **monitor** the operations of the server and the network. In addition, it lets the administrator take...

... and user passwords. The unit supports Security Dynamics, Inc.'s (SDI) ACE/Server with SecurID **logons**, and Data Encryption Standard or SDI proprietary encryption. At the simplest level, users can be...

... and speeds. Users maintain a phone book with workstation names and the LANexpress password. The **screen** offers six push-button **icons** and several pull-down menus that help the users log on to the network and **run** basic services and applications. Other remote access servers' client applications require the user to invoke...

... interface delivers unmatched ease of use for those who want to just access mail and **move** an occasional file. In our tests, LANexpress' throughput consistently ranked at or near the top speeds for **moving** files. As we increased traffic, the unit showed few **signs** of slowing, and its speed degraded less than 10% in the four-user tests. The...

... supports a maximum of five ports. Administrators set the NetHopper NH-5 configuration using a **character** -based start-up program that runs on a terminal that's attached to the unit...



... but some harried administrators may sit around waiting for a change to take hold when, **instead**, they should be rebooting the system. NetHopper NH-5 offers several levels of security. Administrators...

... system, and PAP and CHAP passwords are stored unencrypted on the boot diskette. Rockwell user **screens**, which **run** under Windows and DOS, use pull-down menus to set modem types and communications speeds...

...dialing, handshaking with the server modem and connecting to the server. The Windows program also **displays** a lights panel that depicts the state of the modem. These lights are not as uses a **graphical** interface to install users and set the configuration parameters. During our testing cycle, we inadvertently...

... also recommends using the NetWare bindery service for security. The bindery can be used to **replace** the user list for all non-Apple Computer, Inc. users. In addition, the administrator can limit the total connect **time** for users. LANRover/E Plus also supports SDI products, but using those precludes LAN-to...

... servers exhibited interesting differences in how they handle data. In our tests, some excelled in **moving** files from the server to the workstation but moved files more slowly back to the...

... exhibited strong single-user performance but slowed when four users transferred files at the same **time**. We found that the compression schemes the units implement helped speed some file transfers but...

... not be compressed. Microcom showed the most balanced approach, offering competitive or top speeds when **moving** compressed and noncompressed files in both directions (see Figure 2). On workstation-to-server transfers...

... throughput, even with all eight ports active simultaneously. Some sites may never encounter eight users **moving** large files at the same **time**, so purchasers should select products based on the nature of traffic at their sites and...

22/3,K/3 (Item 2 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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043838

**Microsoft readies 'Net tools for Windows 95**

Byline: Peggy Watt

Journal: Network World Page Number: 6

Publication Date: April 24, 1995

Word Count: 685 Line Count: 62

**Text:**

... the user take shortcuts to favorite sites on the Internet. It also features one-step **sign** -up for an Internet account through a provider to be announced, said Bob Taniguchi, Windows...

...one built into the operating system, Taniguchi said. Also, a Plus System Agent will automatically **run** maintenance utilities when the computer is idle. Microsoft may enhance the System Agent to operate...

... Style and Fun Pack that contains tools to customize the Windows 95 desktop with colors, **screen** savers, sound bits, **replacement icons**, font editing and other functions, Taniguchi said. It also includes a multimedia pinball game that takes advantage of WinG, the multimedia **graphics** function built into Windows 95. Plus is scheduled to begin in May a beta test...

... is expected to have a street price of less than \$100. While Windows 95 can **run** on Intel Corp. 386DX systems, Plus is intended for 486 and Pentium systems that have the higher computational and **graphics**

functions. Microsoft expects to ship Windows 95 versions of most of its major applications within...

... of the operating system's release. A Windows 95 version of Microsoft Office - which includes **Word**, Excel, Access and PowerPoint - is now in beta test and will ship within 60 days...

... in Chicago. Visual Basic 4, which requires Windows 95, will ship at about the same **time** as the operating system. Gates said he expects an onslaught of third-party applications for...

... Data (SVD) modems, which allow remote users to confer on a phone line and send **electronic** files across the same line without breaking the connection. Software support for SVD hardware is...

... Network will provide local access connections in 43 countries and support for 19 currencies in **sign**-up and on-line purchases. Gates also confirmed that Microsoft will implement the Windows 95...

22/3,K/4 (Item 3 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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040942

to the Hyatt Touh

Byline: Charlie Bruno

Journal: Network World Page Number: 60

Publication Date: November 21, 1994

Word Count: 2798 Line Count: 251

Text:

... out some older Wellfleet Communications, Inc. routers that are beginning to show their age and **replace** them with Cisco Systems, Inc. 7000 routers in the data center and Cisco 2501s at remote locations. Hyatt already is about to **replace** the Wellfleet boxes next month and will complete the equipment migration in March 1996, when...

... brought on by unifying all hotels around the company's centralized Spirit reservations database. That **move** alone will result in an almost tripling of the Spirit system, from 525 users today to about 1,500 when the **move** is complete. That means the network now can't handle the data flows this will...

... operate in production and one in reserve for disaster recovery. The new processing engines will **replace** older generation Unix devices. The hefty processing power will help support the hum of the...

...says. Currently, the wide-area net is up 99.7% to 99.8% of the **time**. However, Lohman says, as more data makes its way onto the net with the birth of new applications, congestion will rise and begin to tax the infrastructure. Already, there are **signs** of problems to come; the existing ACC routers, for instance, take sporadic hits and have...

... embarking on a four-part phased rollout of the wide-area overhaul. Initially, it will **replace** its T-1 connections with a frame relay cloud; it currently is working with AT...With all the activity on the wide-area side of the house, the local networks **run** by Glen Holloway, manager of LAN services, seem relatively quiet. Hyatt manages NetWare 3.11...

... underutilized; they support a handful of office automation applications such as Microsoft Corp.'s Microsoft **Word** and Excel. But the LANs are fast becoming the bastion of strategic applications such as...

... which brings up the reservations, automatically requests a credit authorization and checks in guests. VCC **replaces** a manual system in which overnight hotel clerks would dial in to the credit cardSpirit provides subsecond response **time** for 95% of the transactions it handles for Hyatt.

That **led** to some concern when the company began to work with the massive airline reservations networks...

... as global distribution systems (GDS). While Hyatt's own reservations agents would enjoy subsecond response **time**, RSS had to negotiate some technology hurdles to keep transaction times between the GDSs and...

... catalyst driving changes to the company network, is what company officials call the single-system **image** project. Currently, Spirit is used largely by the company's Omaha reservations specialists, the airline...

... PMS. Now, Hyatt is trying to persuade those Spirit renegades to come on-board and **move** all reservations under a single database **image** maintained on Spirit. That effort alone may nearly triple the number of users, and it...

... and corporate staff with a tool that tracks long-term vs. transient sales. In other **words**, a good portion of hotel space is booked for conventions and other meetings months - even...

... advance, and often at discounted rates. RMS allows staff to balance the reduced rate revenue **stream** from long-term bookings and weigh that against actual and anticipated bookings of short-term...

... currently a highly centralized application, but plans call for Hyatt to deploy a client-based **graphical** user interface (GUI) for the application to **run** on NetWare clients. ``The GUI effort is a recognition on our part that sales managers...

22/3,K/5 (Item 4 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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040941  
to the Hyatt touch  
10th Annual User Excellence Awards  
Byline: Charlie Bruno  
Journal: Network World Page Number: 57  
Publication Date: November 21, 1994  
Word Count: 5218 Line Count: 470

Text:

... number. The company has seen a 25% increase annually in bookings through airline systems that **electronically** download reservations to Hyatt's Omaha, Neb., reservations center. This year, Hyatt expects almost 86...

... shut down its Systems Network Architecture net on an August weekend and never looked back. **Instead**, it began a journey into the uncharted territory of large-scale IP-based Unix transaction...

...out some older Wellfleet Communications, Inc. routers that are beginning to show their age and **replace** them with Cisco Systems, Inc. 7000 routers in the data center and Cisco 2501s at remote locations. Hyatt already is about to **replace** the Wellfleet boxes next month and will complete the equipment migration in March 1996, when...brought on by unifying all hotels around the company's centralized Spirit reservations database. That **move** alone will result in an almost tripling of the Spirit system, from 525 users today to about 1,500 when the **move** is complete. ``That means the network now can't handle the data flows this will...

... operate in production and one in reserve for disaster recovery. The new processing engines will **replace** older generation Unix devices. The hefty processing power will help support the hum of the...

...says. Currently, the wide-area net is up 99.7% to 99.8% of the **time**. However, Lohman says, as more data makes its way onto the net with the

Initially, it will **replace** its T-1 connections with a frame relay cloud; it currently is working with AT...

... With all the activity on the wide-area side of the house, the local networks **run** by Glen Holloway, manager of LAN services, seem relatively quiet. Hyatt manages NetWare 3.11...

... underutilized; they support a handful of office automation applications such as Microsoft Corp.'s Microsoft **Word** and Excel. But the LANs are fast becoming the bastion of strategic applications such as...which brings up the reservations, automatically requests a credit authorization and checks in guests. VCC **replaces** a manual system in which overnight hotel clerks would dial in to the credit card...

30/3,K/1 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01054500 CMP ACCESSION NUMBER: EET19950605S0092  
**Sun moves to commercialize the Internet - Four-point plan includes tools to publish applications and guarantee security** (YAKITORI)  
Michele Clarke  
ELECTRONIC ENGINEERING TIMES, 1995, n 851, PG22  
PUBLICATION DATE: 950605  
JOURNAL CODE: EET LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: news  
WORD COUNT: 1253

... protocol.

The key technology here is the Java language, which promises to bring real-time **animation** and audio (called "dynamic content") to Web pages. **Instead** of downloading **text** and static **images**, a HotJava browser downloads Java "applets"-which **run** in cache on a user's machine and then disappear over the live, continuous link...

30/3,K/2 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01044202 CMP ACCESSION NUMBER: OST19950220S0058  
**Portfolio Manager is an app under development using Views 2.0.** (Product Briefs)  
Frank Hayes  
OPEN SYSTEMS TODAY, 1995, n 169, PG28  
PUBLICATION DATE: 950220  
JOURNAL CODE: OST LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Databases & Development Tools  
WORD COUNT: 282

... Windows look-and-feel.

A new dynamic variables library lets developers connect variables with formulas **instead** of algorithms, enabling **code**-free **animation** and control of **graphics** objects. The look and feel can also be changed between Windows and Motif by users...

30/3,K/3 (Item 3 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01026211 CMP ACCESSION NUMBER: CRN19940103S5990  
**It's time to ring in the New Year with picks (yours, mine and the CRN staff's) for the 10 most dubious moves of 1993. Keep in...** (ShadowRAM)  
)  
COMPUTER RESELLER NEWS, 1994, n 559, 156  
PUBLICATION DATE: 940103  
JOURNAL CODE: CRN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: postscript  
WORD COUNT: 506

... due. If this is not allowed, give the nod to Cyrix, for copying the Intel **logo** but using the **word** "ditto" **instead** of Intel Inside. Intel greeted this **move** with yet another lawsuit.

No. 2: DOS 6. Only Microsoft could introduce a \$49 retail...

30/3,K/4 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire

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0367169 BW289

**INTUIT:** Intuit introduces first CD-ROM personal finance software; Quicken features The Wall Street Journal Video Guide to Money and Markets and Tradeline Electronic Stock Guide to deliver a powerhouse Quicken for Windows CD-ROM Deluxe Edition

November 3, 1993

Byline: Business Editors and Computer Writers

...historical review  
and onto the floor of the modern exchange -- all with sound and full- **motion** , full-color video.

Because the information is active, using **pictures** and sound **instead** of simply **text** to convey information, The Wall Street Journal Video Guide to Money and Markets helps users...

35/3,K/1 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0592605 95-48695

**Genie president escapes the bottle and rematerializes at America Online**  
McConnell, Bill  
Warfield's Business Record (Baltimore, MD, US), V10 N16 s1 p9  
PUBL DATE: 950421  
WORD COUNT: 681  
DATELINE: Rockville, MD, US

TEXT:

...He was scheduled to be the front man at a press conference unveiling a new **graphic** interface to **replace** the cumbersome **text** -based interface which had changed little since the service began operation in 1985.

During the...

35/3,K/2 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0567695 95-23400

**Former IBMers troubleshoot way to success**  
Koonce, Burke III  
Triangle Business Journal (Raleigh, NC, US), V10 N21 s1 p9  
PUBL DATE: 950127  
WORD COUNT: 740  
DATELINE: Raleigh, NC, US

TEXT:

...Inc. makes-the lives of systems managers easier. The company designs a system of simple **icons** to **replace** the miles of **text** that managers in search of a system glitch would have to read. This service had...

35/3,K/3 (Item 3 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0442222 93-94783

**Bargains fallout from the word wars**  
Morochove, Richard  
Toronto Star (Toronto, ONT, Canada) sD p3  
PUBL DATE: 931018  
WORD COUNT: 703  
DATELINE: Toronto, ONT, Canada

TEXT:

...new capabilities include Autotext and Autocorrect. Autotext, an improved version of the glossary, allows the **replacement** of **text** entries with either **text** or **graphics** when you click on an **icon** . For example, you could have "ASAP" converted to "as soon as possible." Autocorrect replaces text...

35/3,K/4 (Item 4 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0434630 93-87029

**Corporate profile for Clarion Software Corp.**

Franco, Debra L  
Business Wire (San Francisco, CA, US) sl pl  
PUBL DATE: 930924  
WORD COUNT: 368  
DATELINE: Pompano Beach, FL, US

TEXT:

...templates and embedded source code; visual interactive debugger;  
dynamic link libraries; SAA/CUA compliance; mixed **graphics** and **text** ;  
**replaceable** database drivers including Xbase, Btrieve, and SQL; universal  
report writer; universal data browser.

Clarion's...

**35/3,K/5 (Item 5 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
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0284207 92-30591

**American Airlines Completes First Phase of MDM Pinpoint Maintenance  
Automation**

McElwreath, Sally; Smith, Tim  
Business Wire (San Francisco, CA, US) sl pl  
PUBL DATE: 920325  
WORD COUNT: 741  
DATELINE: Costa Mesa, CA, US

TEXT:

...s program to automate its Boeing 757 and 767 maintenance manuals.

This CD-ROM library **replaces** over 100,000 pages of **text** and  
**graphics** with 4-3/4" diameter Read Only Memory optical discs that can each  
store over...

**35/3,K/6 (Item 6 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

0215903 91-37825

**Postcraft International Expands Printer's Apprentice Layout Series for PCs  
and Macintosh Computers**

Rheingrover, Russell; Brehm, Michaela  
Business Wire (San Francisco, CA, US) sl pl  
PUBL DATE: 910528  
WORD COUNT: 460  
DATELINE: Valencia, CA, US

TEXT:

...the ability to replace headlines and banners, change font size or  
style, resize, insert custom **graphics** , change **text** layout and customize  
or **replace** supplied backgrounds.

Where applicable, styles have been attached to text to allow for quick  
and...

**35/3,K/7 (Item 1 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01062401 CMP ACCESSION NUMBER: EET19950821S0019  
**Creative hopes 3-D game card is a blast (Late News)**



Junko Yoshida  
ELECTRONIC ENGINEERING TIMES, 1995, n 862, PG14  
PUBLICATION DATE: 950821  
JOURNAL CODE: EET LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: news  
WORD COUNT: 1147

... to support a number of 3-D graphics cards by rewriting a piece of our **graphics** library rather than **replacing** the entire **code**."

Leow cited as a strength the fact that texture memory is on board, instead of...

**35/3,K/8 (Item 2 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01057912 CMP ACCESSION NUMBER: NTG19950801S0021  
**I'll Be Seeing You-When words are not enough, animated chat enters the picture** (NEW PRODUCTS)  
Gary Brickman  
NETGUIDE, 1995, n 208, PG73  
PUBLICATION DATE: 950801  
JOURNAL CODE: NTG LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: GAMES  
WORD COUNT: 1412

... advertiser-sponsored cyberevents (see NetGuide, March, page 70)  
Good radio, bad TV  
Will these new **graphically** oriented chat services **replace** good, old -fashioned **text** -based chat? WorldsAway co-creator Randy Farmer thinks both flavors will always have a place...

**35/3,K/9 (Item 3 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01041008 CMP ACCESSION NUMBER: WIN19950201S0115  
**DESKTOP PUBLISHING** (WIN 100 SOFTWARE)  
WINDOWS MAGAZINE, 1995, n 60, PG198  
PUBLICATION DATE: 950201  
JOURNAL CODE: WIN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Features  
WORD COUNT: 214

... on the left and text on the right; and it lets you add or edit **text**, change fonts, search and **replace**, and check spelling. You can wrap **text** inside **graphics** and around irregular shapes, and use high-end features like custom CMYK palettes, automatic trapping...

**35/3,K/10 (Item 4 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01021121 CMP ACCESSION NUMBER: WIN19940701S0839  
**MyBrochures 1.0 - 60-Minute Wonder**  
Hailey Lynne McKeefry  
WINDOWS MAGAZINE, 1994, n 507, 172  
PUBLICATION DATE: 940701  
JOURNAL CODE: WIN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: firsty impressions  
WORD COUNT: 379

... with a design that is already formatted, so that you can create a brochure by **replacing** the **text** and **graphics** in the sample with your own. The program's WYSIWYG display lets you fine-tune...

**35/3,K/11 (Item 5 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01015337 CMP ACCESSION NUMBER: EET19940131S0614  
**Eyeing multiple visions**  
RON WILSON  
ELECTRONIC ENGINEERING TIMES, 1994, n 782, 36  
PUBLICATION DATE: 940131  
JOURNAL CODE: EET LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Emerging Markets - Multimedia Computing  
WORD COUNT: 2085

TEXT:

... new markets-perhaps a wholesale replacement of the installed base -as new multimedia data types **replace** conventional **text** and **graphics** on the desktop, luring customers into upgrading to multimedia PCs. But many questions remain. Skeptics...

**35/3,K/12 (Item 6 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

00549603 CMP ACCESSION NUMBER: WIN19930401S7968  
**Authorware Professional - Multimedia Without Programming**  
William Harrel  
WINDOWS MAGAZINE, 1993, n 404 , 114  
PUBLICATION DATE: 930401  
JOURNAL CODE: WIN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: First Impressions  
WORD COUNT: 582

... on networks easier and more versatile.  
Text handling has been extended to include search-and- **replace** for automatic updating of **icon** names and **text** within icons. Hypertext variables now support linking text objects anywhere in a course. The ability...

**35/3,K/13 (Item 1 from file: 674)**  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2002 IDG Communications. All rts. reserv.

028057  
**Envisions**  
Byline: Rich Finkelstein; Finkelstein is president of Performance Computing, Inc., a consulting company in Chicago that focuses on client/server and rightsizing applications.  
Journal: Network World Page Number: S50  
Publication Date: January 11, 1993  
Word Count: 778 Line Count: 56

Text:

... bare bones text to exciting new multimedia data. Indeed, a few years from now, images, **graphics** and audio will **replace** **text** as the preferred method for storing data. Data in graphic form is easily understood and...

35/3,K/14 (Item 2 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2002 IDG Communications. All rts. reserv.

016726

**PC Presentation Graphics Software**

**Businesspeople are learning to express themselves through pictures as this software gains sophistication and ease of use**

Byline: Alan Radding; Radding is a free-lance write based in Newton, Mass

Journal: Computerworld Page Number: 67

Publication Date: July 08, 1991

Word Count: 1929 Line Count: 139

**Text:**

... that guide users who aren't artistically inclined. Users can copy and paste their own **graphics** into the template and **replace** sample **text** with their own text.

Lacking creativity

Not all templates are created equal, however. 'Sometimes, the...

35/3,K/15 (Item 3 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2002 IDG Communications. All rts. reserv.

006312

**Opening some 3270-like windows**

Byline: Amy Cortese,CW Staff

Journal: Computerworld Page Number: 33

Publication Date: April 16, 1990

Word Count: 459 Line Count: 33

**Text:**

... to provide PC-based front ends as an alternative to traditional 3270 terminals.

Inscivision uses **graphical** representations and **icons** to **replace** lines of **text** and includes a builder component to customize screens. The company said it will move to...

35/3,K/16 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0518885 BW1195

**LEXMARK 2: Lexmark expands Optra family, broadens connectivity options**

September 25, 1995

Byline: Business Editors

...dpi Optra Lasers

The new 16-ppm Optra plus models, like the original Optras they **replace**, produce photographic-like images, **graphics** and **text** at true 1,200 x 1,200 dpi that are four times sharper than current...

35/3,K/17 (Item 2 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0498434 BW1098

**COMPUTER ASSOC: COMPUTER ASSOCIATES RELEASES CA-VISUAL OBJECTS SDK**

July 05, 1995

Byline: Business Editors/Computer Writers

...with the CA-Visual Objects IDE.  
Using these functions allow developers to create additional or  
**replacement** tools such as source **code** editors, business **graphics**  
libraries, and multimedia tools.  
RDD (Replaceable Database Drivers) Subsystem--allows developers  
to create database drivers...

**35/3,K/18 (Item 3 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0492672 BW0009

**NYNEX: NYNEX Makes Yellow Pages Available to Internet Users with Vision  
Impairments**

June 08, 1995

Byline: Business Editors

...and easy to  
navigate. Designed for use with a screen reader, NYNEX Interactive  
Yellow Pages' ' **text** -only' option **replaces** **graphics** and **icons**  
on the  
service's Web home page.  
The service is organized by familiar A-Z...

**35/3,K/19 (Item 4 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0409139 BW617

**LOTUS 2: NSTL Study Finds Lotus Ami Pro 49% Faster Than Microsoft Word and  
103% Faster Than WordPerfect**

June 1, 1994

Byline: Business Editors and Computer Writers

...frequent word  
processing tasks such as WordPerfect conversion, save file, load  
file, global search and **replace**, and print **text** and **graphics**.  
According to the NSTL study, "on average, Ami Pro completes NSTL  
benchmarks 49% faster than...

**35/3,K/20 (Item 5 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0358014 BW602

**PROFILE CLARION SFTWR: Corporate Profile for Clarion Software Corp., dated  
Sept. 24, 1993**

September 24, 1993

Byline: Business Editors

...templates and embedded source code; visual interactive  
debugger; dynamic link libraries; SAA/CUA compliance; mixed **graphics**  
and **text**; **replaceable** database drivers including Xbase, Btrieve, and

SQL; universal report writer; universal data browser.  
Clarion's...

35/3,K/21 (Item 6 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0270695 BW731

**OFFICIAL AIRLINE GUIDES: American Airlines completes first phase of MDM  
Pinpoint maintenance automation**

March 25, 1992

Byline: Business Editors & Aviation Industry Writers

...s program to automate its Boeing 757 and 767  
maintenance manuals.

This CD-ROM library **replaces** over 100,000 pages of **text** and  
**graphics** with 4-3/4" diameter Read Only Memory optical discs that can  
each store over...

35/3,K/22 (Item 7 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0228143 BW043

**POSTCRAFT INTL: Postcraft International expands Printer's Apprentice Layout  
series for PCs and Macintosh computers**

May 28, 1991

Byline: Business Editors & Computer Science Writers

...the ability to replace headlines and banners, change font size or  
style, resize, insert custom **graphics** , change **text** layout and customize

or **replace** supplied backgrounds.

Where applicable, styles have been attached to text to allow for  
quick and...

File 16:Gale Group PROMT(R) 1990-2002/Jan 30  
(c) 2002 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2002/Jan 30  
(c) 2002 The Gale group  
File 80:TGG Aerospace/Def.Mkts(R) 1986-2002/Jan 30  
(c) 2002 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2002/Jan 30  
(c)2002 The Gale Group  
File 634:San Jose Mercury Jun 1985-2002/Jan 29  
(c) 2002 San Jose Mercury News

Set	Items	Description
S1	754742	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	1329424	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	1500450	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	860367	SIGNS OR SIGNAGE OR SIGN
S5	12973	MARQUEE??
S6	3769586	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S7	1414738	CHARACTER? OR CHARACTER()STRING?? OR COMPUTER()CODE?? OR C- ODE??
S8	2042802	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRIT? OR OVER()WRI- T?
S9	1941469	DISPLAY?? OR SCREEN? OR MONITOR?
S10	5544028	SCOREBOARD? OR MESSAGE()CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S11	800	(SCORE OR READER) ()BOARD??
S12	893239	LED OR LIGHT()EMIT?()DIODE?
S13	80091	LCD OR LCDS OR LIQUID()CRYSTAL()DISPLAY??
S14	3360960	ELECTRONIC? OR ELECTRIC
S15	5127517	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S16	71	ACTIONGRAPH? OR MOTIONGRAPH? OR MOBILELED OR MOBILE()LED
S17	81234	TICKER?? OR STOCKTICKER? OR STOCK()TICKER? OR AUTOSCROLL? - OR NEWSCRAWL OR TEXTSCROLL?
S18	0	S16(S)S8(S) (S6 OR S7)
S19	0	S16(S)S17
S20	19	S16(S)S15
S21	12	RD S20 (unique items)
S22	17686	S8(S) (S6 OR S7) (S)S1:S3
S23	97	S22(S) (S4 OR S5) (S) (S12 OR S13 OR S14)
S24	16	S23 NOT PY=>1996
S25	69	RD S23 (unique items)
S26	39	S22(S)S17
S27	5	S26 NOT PY=>1996
S28	38	S26 NOT S23
S29	25	RD S28 (unique items)
S30	6108	S22(S) (S9 OR S10 OR S11)
S31	1883	S30(S)S15
S32	1819	S31 NOT (S20 OR S23 OR S26)
S33	884	S32 NOT PY=>1996
S34	742	RD S33 (unique items)
S35	5349	S17(3N) (S6 OR S7)
S36	0	S35(3N)S8(3N)S1
S37	6	S35(S)S8(S)S1
S38	4	RD S37 (unique items)

21/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08801549 Supplier Number: 76545845 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Provides Mobile LED for Celebrity Classic Golf Event.**  
Business Wire, p2482  
July 16, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 377

... 15, according to Rightmyer.  
"This high-profile event gave us additional national exposure for our **mobile LED** unit," said Rightmyer. "We have found that these events are often our best sales tools..."

...a wall-mounted or pedestal-supported front lit case. New Millennium is expanding its full- **motion** , full-color LED billboard marketing throughout the United States. The LED screens are displayed on...

21/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

08365891 Supplier Number: 70902043 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Announces GKC Cinema Deal.**  
Business Wire, p2399  
Feb 27, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 665

... United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...

21/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08187839 Supplier Number: 68717893 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium's CEO Interviewed by OTC News Network.**  
Business Wire, p2048  
Dec 27, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 662

... United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...

21/3,K/4 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

08183507 Supplier Number: 68683412 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium announces Regal Cinema Test Market.**  
Business Wire, p2329  
Jan 3, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 710

... United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...

21/3,K/5 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

08147703 Supplier Number: 68142928 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Teams Up With Tampa Bay Thunderdaws.**  
Business Wire, p2368  
Dec 18, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 663

... United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...

21/3,K/6 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08143263 Supplier Number: 68015756 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Announces \$1.4 million in Debt Reduction.**  
Business Wire, p2102  
Dec 15, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 574

... United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...



21/3,K/7 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03634476 Supplier Number: 45125756 (USE FORMAT 7 FOR FULLTEXT)  
**KUBOTA ALLOWS ITS US GRAPHICS SOFTWARE UNIT GO TO ITS EMPLOYEES**  
Computergram International, n2539, pN/A  
Nov 8, 1994  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 207

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...which will be used to set up a new concern to peddle its low-priced  
**ActionGraphics** Peripheral Component Interconnect-based three-dimensional  
accelerator boards into the iAPX-86, RISC and Windows...

...staff. Jeff Dunn, who has been vice-president of marketing and arranged  
the deal, will **run** the firm. **ActionGraphics**, a name that will stick, is  
expected to be seen at both Comdex in various...

21/3,K/8 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01427965

**Technology simulates movement.**  
GLOBE & MAIL REPORT ON BUSINESS January 15, 1986 p. ecB,15

Delroy Chriscraft (Kitchener, Ontario) is working in a '**motionography**  
' advertising process for outdoor signsup to 100 feet wide. National  
advertisers, Molson's Ontario Breweries...

... Delroy, a unit of Punters Graphics (Kitchner, Ontario), is developing  
the outdoor sign that simulates **motion** on two-dimensional planes. The  
process patents had lapsed but the technology has been acquired by Delroy  
from the original inventor. The **motionography** process gives the illusion  
of a car **moving** down a highway by making the center line and guard rails  
appear to **move** and the wheels to spin. The Air Canada sign will simulate  
both a vapor trail and speed lines behind the wings. **Motionography** is not  
comparable with three-dimensional viewing.  
...

21/3,K/9 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2002 The Gale group. All rts. reserv.

06255086 SUPPLIER NUMBER: 82106327 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**India Titler Pro 1.0: Innovative program creates animated title effects.**  
(Product Reviews). (Software Review) (Evaluation)  
Heid, Jim  
Macworld, 19, 2, 42(1)  
Feb, 2002  
DOCUMENT TYPE: Evaluation ISSN: 0741-8647 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 634 LINE COUNT: 00053

... serious video producers should give India Titler Pro a close look.  
Most video-effects and **motiongraphics** programs borrow from the  
Adobe After Effects interface, which allows great precision but can be...

21/3,K/10 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

09971480 SUPPLIER NUMBER: 20116545 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Billers using concentrators lose control of data. (bill paying and privacy issues) (Column)**

Crone, Richard K.; Hudson, Joseph B., Jr.

American Banker, v163, n1, p10(1)

Jan 2, 1998

DOCUMENT TYPE: Column ISSN: 0002-7561 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 980 LINE COUNT: 00083

... involved.

Consumer information may be voluntarily given, but it may also be collected through click- **stream** analysis, **actiongraphics**, and more. What part of a Web site does a person tend to visit first...

**21/3,K/11 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

08255677 SUPPLIER NUMBER: 17549414 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**SDRC adds seven new members to the I-DEAS Solutions Network.**

Business Wire, p11011172

Nov 1, 1995

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 731 LINE COUNT: 00077

... short description of each) include:

AccelGraphics, Inc., San Jose, CA, develops, manufactures, and markets the **ActionGraphics** line of high-performance three-dimensional (3D) graphics accelerators. The AG300(TM) and AG500(TM)...

...been utilized to deliver optimum graphics performance for SDRC's I-DEAS Master Series software **running** on Intel-based personal computers.

Centric Engineering Systems, Inc., Santa Clara, CA, is a world...

**21/3,K/12 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

08045254 SUPPLIER NUMBER: 17120773 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**AccelGraphics Announces AVS/Express Certification; Advanced Visual Systems and AccelGraphics Form Strategic Marketing Relationship.**

Business Wire, p8010156

August 1, 1995

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 683 LINE COUNT: 00075

... for a family of graphics accelerators targeted at professional 3D markets such as MCAD, imaging, **animation** and visualization. Its highly optimized 3D pipeline provides affordable, high-performance graphics using the growing...

...3D data quickly and interactively, thereby dramatically enhancing user productivity when using 3D applications. AccelGraphics' **ActionGraphics** line of higher-performance 3D graphics accelerators delivers high-end workstation graphics performance on platforms...

?t24/3,k/all

**24/3,K/1 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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03590525 Supplier Number: 45052597 (USE FORMAT 7 FOR FULLTEXT)

**America Online sells detailed information**

Common Carrier Week, pN/A

Oct 10, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 243

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Subcommittee Chmn. Markey (D-Mass.) wants to know why. In Sept. 19 edition of DM **News**, marketers' tabloid, major list broker List Services Corp. had large ad with headline: " **Sign** On for Response with America Online." AOL's **logo** also was displayed. Specific information available on each subscriber includes how much money each spends...

...on-line, said: "I feel strongly that comprehensive privacy protections must become part of the **electronic** ethics of companies doing business on the information superhighway." He asked for more information on...

...to stay off mailing lists. Prodigy spokesman said that service "never" sells information to outsiders; **instead**, it will send E-mail to subscribers in whom vendors are interested, but without disclosing...

**24/3,K/2 (Item 2 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)

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03585839 Supplier Number: 45044938 (USE FORMAT 7 FOR FULLTEXT)

**America Online**

Communications Daily, pN/A

Oct 5, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 243

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Subcommittee Chmn. Markey (D-Mass.) wants to know why. In Sept. 19 edition of DM **News**, marketers' tabloid, major list broker List Services Corp. had large ad with headline: " **Sign** On for Response with America Online." AOL's **logo** also was displayed. Specific information available on each subscriber includes how much money each spends...

...on-line, said: "I feel strongly that comprehensive privacy protections must become part of the **electronic** ethics of companies doing business on the information superhighway." He asked for more information on...

...to stay off mailing lists. Prodigy spokesman said that service "never" sells information to outsiders; **instead**, it will send E-mail to subscribers in whom vendors are interested, but without disclosing...

**24/3,K/3 (Item 1 from file: 160)**

DIALOG(R) File 160:Gale Group PROMT(R)

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01794067

**Electronic Arts to Debut Two Deluxe Series Creativity and Products for the Apple IIGS**

News Release August 24, 1987 p. 1

Applefest will serve as **Electronic Arts**' forum for introducing two new Deluxe Series Programs to its gwoing line of Apple...

... a creativity program for designing and printing a variety of messages including banners, cards, injvitations, **signs** and stickers. DeluxeWrite is da new work processing program compatible with **Electronic Arts**'

DeluxePaint II for combining **text** and **graphics** in **letters**, memos and reports. DeluxePrint II will be available in October with a suggested retail price...

...full-featured editor allows users to create their own clip-art or modify over 200 **images** found on the program disk. The program's flexibility also allows **images** from DeluxePaint II or those from any other compatible program to be imported. And the program supports the growing library of fonts for the Apple IIGS. The DeluxeWrite **word**-processing program capitalizes on combining **graphics** with **text**. As a **text** processor the program is compatible with all current fonts and styles for the Apple IIGS and those currently in production. A 90,000 **word** spelling checker added to this full-feature program with the ability to cut and paste, search and **replace**, add headers and footers and numbers pages. As **graphics** processor, DeluxWriter will accept Hi-Res or Low-Res **images** from DeluxePrint II anywhere in the document. Editing features allow the user to resize, crop and move these **images** for a tailored look in a variety of correspondence.

Full text available on PTS New...

24/3,K/4 (Item 2 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01289415

**Verkehrstechnik:Bildschirme ersetzen Zeigerinstrumente.**  
FUNKSCHAU October 11, 1985 p. 41-4314  
Language: German

Airbus (France) has improved flight safety by installing 6 monitors in its A310 cockpit to **replace** electromechanical instruments. The monitors secure good visibility in sunshine and rain clouds through the 13 x 13 cm cathode tubes. The subjective colours impression is independent of the **picture** luminosity. The relevant colour background does not distort the blended texts or **graphics** colours. The monitors **picture** tubes offer 36 **picture** points/mm<sup>2</sup>. **Picture** repeat rate is 70 hertz. The single monitor's **sign** generators as signal sources form part of a computer series obtaining information from multiple sensors...

... immediate field of vision. The A310 cockpit contains 2 flight path computers with 385,000 **words** /16. Bit memory capacity and 700,000 computer functions/s. The warning display and system display form part of the **electronic** information and control system which secures unprecedented flight security. ...

24/3,K/5 (Item 3 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01185320

**Ricoh: Moving Up for Lost Time.**  
BUSINESS WEEK (INDUSTRIAL EDITION) May 13, 1985 p. 99,1021

... names, but since it introduced its own brand, sales have increased 10X to \$325 million. **Instead** of advertising its copiers, Ricoh has built a 250-strong dealer base, and plans to **sign** up another 250. After lagging in product development for many years, in 1984 the company introduced 17 new copier models, new laser printers and an **electronic** printer. In 7/85, the company plans to introduce a personal copier and to grab...

... cameras, mainly to increase awareness of the Ricoh brand name. Another new product is an **image** processing system that copies a **picture** onto a computer screen, where it can be edited and combined with **text**, and then printed via a laser printer. ...

24/3,K/6 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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04320034 SUPPLIER NUMBER: 17244987 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Return to Japan. (Japan since World War II) (Cover Story)**

Letwin, William

National Review, v47, n16, p23(7)

August 28, 1995

DOCUMENT TYPE: Cover Story ISSN: 0028-0038

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 6427 LINE COUNT: 00497

... paratroops were mopped up. A discomfoting omen, we felt. Suddenly in August the outlook brightened. **News** came that two ``very big'' bombs, each equivalent in explosive force to 20,000 tons...

...to Okinawa, and from there an advance party of about 1,000 flew into Tokyo. **Instead** of arriving in Japan as a prospective casualty, I came as a forerunner of the...

...now, with passengers. They saw us, knew what we were -- but never looked at us. **Instead** they looked straight ahead, faces expressionless, like soldiers standing at attention. They simply snubbed us...

...of emotion'' and to ``cultivate the ways of rectitude.'' Never once did he use the **word** ``surrender.'' But the orders were plain, and the Japanese obeyed. So the peacefulness that we...to our strictly military duty. We proceeded to the Imperial Hotel (the original one, later **replaced** by a much grander version). It was an architectural triumph, designed by Frank Lloyd Wright...

...foreign. The central streets are lined with skyscrapers, Western clothing is the norm, many advertising **signs** carry English translations, and Coca-Cola is always within reach. But of course there are...

...at home. At properly Japanese restaurants, the menu posted outside describes the set dishes in **words** and often illustrates them with photos; just to make quite sure, many restaurants display plastic...

...covered with bright red lacquer. This was my first real-life sight of the authentic **picturesque** Japan I had come to know during the 1930s via Lowell Thomas travelogues shown before...

...Sendai, we would often meet a curious sort of single-file procession. A plodding ox **led** the way, drawing a narrow cart, on which stood two tall narrow wooden casks, one...intervening fifty years the abacus has become virtually extinct. The Japanese people love all things **electronic**, and calculators and computers have taken over. But the world-class excellence of Japanese engineers...

...the men played high-stakes poker far into the night. Others, like me, talked, wrote **letters**, and read. When that palled, I would retire to the billiard room to amuse myself...Experiences during the war (when I occasionally helped interrogate prisoners) and during the Occupation had **led** me to believe that the Japanese were a grim people, always on guard, unwilling to...

...that the wariness we encountered was merely an overlay on traits fundamental in the Japanese **character**, traits that could be summarized as inscrutability plus generalized suspicion of strangers. As to inscrutability ...

...stiff elderly gentlemen who ate their way stolidly through a long meal without exchanging a **word**; then came a brief flurry of conversation, which turned out to concern nothing other than...

...landscape'' gardens. They consist exclusively of a bed of gravel raked into graceful geometrical shapes. **Instead** of taming Nature the gardener

has expelled it. This, I thought, symbolized a deep Japanese...limiting economic growth. Another hitch is that affluence can diminish the appetite for additional income. **Instead** of pressing for yet more pay, workers very reasonably opt for more leisure -- shorter hours...

24/3,K/7 (Item 2 from file: 47)  
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04307162 SUPPLIER NUMBER: 16920433 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Good morning, Vietnam: on the long road to freedom and prosperity, Vietnam is taking the first halting steps.**  
McGurn, William  
National Review, v47, n9, p51(5)  
May 15, 1995  
ISSN: 0028-0038 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3215 LINE COUNT: 00240

TEXT:

...for the fallen at the end of the Memorial Day parades; the frenzy of TV **images** alternating between combat in Vietnam and protest at home. But nothing has seared itself in my memory as much as the **images** from those last, sad days around this compound. At its peak (in April 1969) the ...

...and though the GIs and jeeps are gone from the city streets they have been **replaced** by a new army of Taiwanese businessmen in Toyota Crowns. And of course there is...order. When Thic Quang Duc immolated himself on a Saigon street in 1963, it was **news** around the world and helped set the stage for the U.S.-backed assassination of...  
...come to think of Vietnam ``as a country, not a war,' but there are no **signs** that this will happen any time soon. Not, at least, as long as there's...

...wonder what Uncle Ho would make of CCB Tour (the initials stand for the Vietnamese **words** for ``war veterans'). The bookshelf in its modest offices includes an American guide to major herself, many years younger and much prettier, but the most treasured **picture** in her bag was of her old American boyfriend. This was Harry, I learned, a...

...2000. While foreign businessmen (especially those who have had experience with China) generally have good **words** for Vietnam's reforms, they are not without their difficulties. The legal **code** is as yet incomplete, as are rules governing who can actually sell land rights in...

...ours was. Today that has all changed. Opportunity International has superseded USAID; Federal Express has **replaced** Air America; and the Americans in Hanoi these days are businessmen trying to make a...

...With the understandable exceptions of architecture and cuisine, moreover, Vietnam's engagement with America has **led** it to a marked preference for American goods. When Vietnam Air was shopping around for...

24/3,K/8 (Item 3 from file: 47)  
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04230095 SUPPLIER NUMBER: 16839572 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Invasion of the church ladies: the GOP bid to close the gender gap. (new Republican Congresswomen) (Cover Story)**  
Rosin, Hanna  
The New Republic, v212, n17, p20(6)  
April 24, 1995  
DOCUMENT TYPE: Cover Story ISSN: 0028-6583 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4999 LINE COUNT: 00392

TEXT:

...henchmen are nowhere to be found at the packed Republican press conference on welfare reform. **Instead**, it is the GOP congresswomen, their ranks swollen by the last election, who are in...

...Those women have the power of someone with a womb. They understand all these abstract **words** like mother's instinct and nurture. I expect in the next debate they'll lead...

...angels," asks newly elected Linda Smith, jabbing the antenna of her cellular phone toward a **picture** of her grandkids. Her husband Vern, sitting rigidly in a corner on a hardwood chair, looks up and grins uneasily. "I'm going to show their **picture** when we debate the budget. I'm having it blown up right now. I'll...

...Smith has already managed to provoke her leaders. In her first month in office, she **led** the freshman rebellion against the balanced budget amendment, insisting on a provision requiring a three...

...office. The couple met with Clark County GOP Chairman Jim Carpentino, who suggested Linda run **instead**. That year, she checked out a book from the library about how to campaign and...000 flyers instructing voters how to write in a candidate and planted Day-Glo pink **signs** in their front lawns. "It was a miracle," Smith recalls. On primary day, her backers...

...the fatal mistake of bashing the Contract with America. Smith wisely ignored the attack and **instead** staged a folksy ad, starring The People: "We put out a call, and thousands came...

24/3,K/9 (Item 4 from file: 47)  
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04137084 SUPPLIER NUMBER: 15774086 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Terms of endearment. (O.J. Simpson case and Marshal McLuhan's theories)**  
(Editorial)  
Lapham, Lewis H.  
Harper's Magazine, v289, n1732, p7(3)  
Sept, 1994  
DOCUMENT TYPE: Editorial ISSN: 0017-789X LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2590 LINE COUNT: 00202

Anticipating the rejuvenation of the cults of personality--the **images** of Michael Jordan and Madonna **replacing** those of Apollo and Aphrodite, Nancy Reagan arranging the affairs of state to coincide with her husband's astrological **signs** --McLuhan's argument infers the transposition of **news** into entertainment, history into legend and fable. He begins with the proposition that "we become...

...which taught people to rearrange their perceptions of the world in ways convenient to the **electronic** media.

Once having stated his proposition, McLuhan ascribes to the visual order of print the...

24/3,K/10 (Item 5 from file: 47)  
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03787001 SUPPLIER NUMBER: 12560097 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The era of our ways. (new computing approaches) (Column)**  
Zilber, Jon  
MacUser, v8, n10, p23(2)  
Oct, 1992  
DOCUMENT TYPE: Column ISSN: 0884-0997 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1185 LINE COUNT: 00090

ABSTRACT: **Signs** that software products are taking a new direction are evident in the increasing availability of clip-art, databases and full-featured **word** processing software packages. **Instead** of purchasing drawing programs to produce **images**, users are buying clip-art software; this approach may be applied to business forms, data...

...usable programs with a simple set of features that are easier to learn and use. **Word** processing software packages already handle desktop publishing and document management solutions. Future **word** processors may handle everything from optical **character** recognition to **electronic** mail file handling and conversion.

24/3,K/11 (Item 6 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03779738 SUPPLIER NUMBER: 12524599  
**Bits & bytes. (Industrial Technology Edition) (Product Announcement)**  
Business Week, n3279, p98H(1)  
August 17, 1992  
DOCUMENT TYPE: Product Announcement ISSN: 0007-7135 LANGUAGE:  
ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: Topics ranging from more personable computers to a computerized sporting **news** device are discussed. Unisys Corp's Communication Access Processor (CAP), a hardware/software package, will...

...79 Buzz Aldrin's Space Adventure educational package. The technique involves video compression that will **replace** redundant patterns in an **image** with shorthand **codes** to cut down on the space required for disk storage. DataSport Inc's Sporting **News** SporTrax is a datebook size computer device that receives **news** from the Sporting **News** Publishing Co via satellite. The unit displays updated game results on a liquid crystal screen...

...Carnegie-Mellon University. SignSpeak uses a belt-mounted computer and sensor-filled glove to translate **sign** language into speech. The Vatican uses a network installed by General **Electric** Co's GE Information Service to inform worshippers on five continents of Pope John Paul...

24/3,K/12 (Item 7 from file: 47)  
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03473129 SUPPLIER NUMBER: 09098952 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**My neighbor, the distinguished Count. (poem)**  
Corn, Alfred  
The New Republic, v203, n20, p38(1)  
Nov 12, 1990  
CODEN: NREPA ISSN: 0028-6583 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 1028 LINE COUNT: 00073

TEXT:

...neighbor As thyself, no?-a neighbor so visibly In need, his pale brow furrowed, an **electric** Tic active at the corner of the mouth. Thoughts less reassuring surfaced later When what...

...Chided jokingly, could he read minds? He answered, even better than that, he could read **Signs**. It seemed I'd left them everywhere. And true messages always reached their addressee, Wasn...

...When placed beside his own inner persuasions. He told me he'd been



seeing more " **signs** " than ever, And certainly he came to me more and more often, Insisting I call...

...t help doing so, aware Of the acrid little oke: that, according To his iron **code** of gamesmanship, I have just authorized another courtesy call. In full knowledge also (hideous necklace...

...Look, he has arrived. Hannah's white cap vanishes Down the dark passage and is **replaced** by his face Floating in the gloom like a full moon, eyes lowered, His left...

...deeplyHence the sudden piercing intimation of what I am One day to be, this twilit **picture** of discretion, the set Of his features calm as an engraving of one who lets **words** Of gratitude pass in silence as he settles to the task.

24/3,K/13 (Item 8 from file: 47)  
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02436989 SUPPLIER NUMBER: 02862662 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Digital typography.**  
Day, Donald; Bigelow, Charles  
Scientific American, v249, p106(12)  
Aug, 1983  
CODEN: SLAMA ISSN: 0036-8733 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 6845 LINE COUNT: 00522

... elements. These elements can be line strokes, pixels, colors, shades of gray or any other **graphic** unit from which a letterform can be constructed. Hence digital typography is not new: mosaic tiles, embroidered samplers and arrays of lights on theater **marquees** have long represented alphabetic **characters** as relatively coarse discrete arrays. These digital letteforms, however, are typographic curiosities, far from the...

...mold used to cash type in metal. With the development of the computer and digital **electronics** , typography in the past 15 years has been seeing a wholesale **replacement** of analogue **text** by digital **text** , which may rival the shift in the Renaissance from **script** to print.

It is estimated that each day in the U.S. about 10.sup...

24/3,K/14 (Item 9 from file: 47)  
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02435771 SUPPLIER NUMBER: 02862324 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Ted Turner. (Playboy interview)**  
Range, Peter Ross  
Playboy, v30, p59(13)  
Aug, 1983  
CODEN: PLAYDD ISSN: 0032-1478 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 13151 LINE COUNT: 00958

... going to make. But in retrospect. I think that was one of the things thate **led** eventually to his committing suicide. Because when he made the \$1,000,000 that he...

...underdog? TURNER: I am the underdog, so I may as well enjoy it. PLAYBOY: Yet, **instead** of enjoying it, you constantly complain about network discrimination against you. TURNER: We are discriminated...

...the three-way old-boy system working. That's why they all started their morning **news** at seven o'clock until we forced them into the early-morning segment. They didn...

...National Association of Broadcasters, Eddy Fritz, told my chief lobbyist

in Washington, in so many **words** , "I've been instructed to oppose anything that will help you here in Washington." And...Actually, Fritz is a super guy. In fact, Jack Valenti, the head of the Motion **Picture** Association of America, which fought us on a number of things, is a super guy...

...m just a very colorful customer who buys a lot of product from the motion- **picture** industry. I had discussions with MGM about areas of mutual interest. PLAYBOY: All right, then...the minor leagues, so we got them. Then they said we needed more budget to **sign** the top draft picks, so we did that. PLAYBOY: Did it work? TURNER: Well, we...

...to support his team with bucks? TURNER: You've got to do that. The owner **signs** the pay checks. PLAYBOY: You've established a pretty liberal checkbook. After your bad experience...

...the bucks that make the difference. We created an exciting operation where guys want to **sign** with us. In most cases, our people make less than they could make somewhere else...

...my ratings up. PLAYBOY: For a example? TURNER: CNN could go the National Enquirer route **instead** of the New York Times or the Washington Post route. We could sneak cameramen in to take nude **pictures** of movie stars taking nude sun baths; we could dig up more dirt and scandal...

24/3,K/15 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07533490 SUPPLIER NUMBER: 15778307 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**America Online is selling detailed information on its 1 million subscribers. (House Telecom Subcommittee Chairman Markey wants information on America Online's privacy policy)**  
Communications Daily, v14, n193, p4(2)  
Oct 5, 1994  
ISSN: 0277-0679 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 262 LINE COUNT: 00021

TEXT:

...Subcommittee Chmn. Markey (D-Mass.) wants to know why. In Sept. 19 edition of DM **News** , marketers' tabloid, major list broker List Services Corp. had large ad with headline: " **Sign** On for Response with America Online." AOL's **logo** also was displayed. Specific information available on each subscriber includes how much money each spends...

...on-line, said: "I feel strongly that comprehensive privacy protections must become part of the **electronic** ethics of companies doing business on the information superhighway." He asked for more information on...

...to stay off mailing lists. Prodigy spokesman said that service "never" sells information to outsiders; **instead** , it will send E-mail to subscribers in whom vendors are interested, but without disclosing...

24/3,K/16 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06073434 SUPPLIER NUMBER: 12524599  
**Bits & bytes. (Industrial Technology Edition) (Product Announcement)**  
Business Week, n3279, p98H(1)  
August 17, 1992  
DOCUMENT TYPE: Product Announcement ISSN: 0007-7135 LANGUAGE:  
ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: Topics ranging from more personable computers to a computerized sporting **news** device are discussed. Unisys Corp's Communication Access Processor (CAP), a hardware/software package, will...

...79 Buzz Aldrin's Space Adventure educational package. The technique involves video compression that will **replace** redundant patterns in an **image** with shorthand **codes** to cut down on the space required for disk storage. DataSport Inc's Sporting **News** SporTrax is a datebook size computer device that receives **news** from the Sporting **News** Publishing Co via satellite. The unit displays updated game results on a liquid crystal screen...

...Carnegie-Mellon University. SignSpeak uses a belt-mounted computer and sensor-filled glove to translate **sign** language into speech. The Vatican uses a network installed by General **Electric** Co's GE Information Service to inform worshippers on five continents of Pope John Paul...  
?t27/3,k/all

**27/3,K/1 (Item 1 from file: 47)**  
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03400949 SUPPLIER NUMBER: 09180045 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Decision factors favoring the use of online sources for providing information. (includes bibliography)**  
Piternick, Anne B.  
RQ, v29, n4, p534(11)  
Summer, 1990  
ISSN: 0033-7072 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 6728 LINE COUNT: 00533

... person is simplified. Searches for corporate names may also be simplified if the field is **word** -indexed in an online system; this makes it possible to search fragments of names. In full- **text** databases, parts of names or "popular" company names can be combined with other terms. The ...

...A can be rapidly identified. Online searching may also permit the use of stock exchange **ticker symbols**, DUNS numbers, etc., as **substitutes** for corporate names. Subject Specification Factors  
Use of online source if: 1 .Printed source is...

**27/3,K/2 (Item 2 from file: 47)**  
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03153637 SUPPLIER NUMBER: 06958799 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Stepping Out II. (Software Review) (Quick Clicks) (evaluation)**  
Parascandolo, Salvatore  
MacUser, v4, n10, p77(2)  
Oct, 1988  
DOCUMENT TYPE: evaluation ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 981 LINE COUNT: 00073

ABSTRACT: Berkeley System Design's \$95 Stepping Out II is a Macintosh video screen enhancement utility **substitute** for a large screen display. Based on available RAM, the Mac can have the equivalent...

...to a large RAM-based virtual screen. All windows, although larger than usual, act normally. **Text** entry **autoscrolls** when it reaches the end of the screen. Screen reductions of 25, 50, and 75...

...is that it needs at least two MB of RAM and more for high-end **graphics** programs such as Illustrator 88 or PixelPaint. Stepping Out II is a vast improvement over...

**27/3,K/3 (Item 3 from file: 47)**

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03019777 SUPPLIER NUMBER: 05186952 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PC Quote financial-market monitor now supports Novell's NetWare LANs. (PC  
Quote Inc.'s PC Quote upgrade, connectivity section)**  
Sustar, Lee  
PC Week, v4, n38, pC33(1)  
Sept 22, 1987  
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 625 LINE COUNT: 00047

ABSTRACT: PC **Quote** Inc upgrades its PC **Quote** microcomputer-based  
real-time financial-market monitor package to run on local area networks  
running Novell Inc's NetWare network operating system. PC **Quote**  
information can now be distributed to up to 100 microcomputers or  
workstations on a LAN...

...data feeds from over-the-counter and stock markets and relay it to the  
PC **Quote** Server, an IBM PC AT with 4Mbytes of expanded memory. The server  
broadcasts its 62,000 memory-resident **ticker symbols** across the  
network, where other network nodes gather them in background mode. The AT  
servers will be **replaced** with 80386-based systems, and MSDOS will be  
**replaced** with OS-2 as soon as possible. The network version of PC **Quote**  
costs \$395 plus \$75 for the first two workstations and \$50 for each  
additional workstation.

27/3,K/4 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04623598 SUPPLIER NUMBER: 09180045 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Decision factors favoring the use of online sources for providing  
information. (includes bibliography)**  
Piternick, Anne B.  
RQ, v29, n4, p534(11)  
Summer, 1990  
ISSN: 0033-7072 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 6728 LINE COUNT: 00533

... person is simplified. Searches for corporate names may also be  
simplified if the field is **word** -indexed in an online system; this makes  
it possible to search fragments of names. In full- **text** databases, parts  
of names or "popular" company names can be combined with other terms. The  
...

...A can be rapidly identified. Online searching may also permit the use of  
stock exchange **ticker symbols**, DUNS numbers, etc., as **substitutes** for  
corporate names. Subject Specification Factors  
Use of online source if: 1 .Printed source(is...

27/3,K/5 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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01771727 SUPPLIER NUMBER: 02731391 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Northwest Bancorp. changes name to Norwest Corp.**  
PR Newswire, NYPR173  
April 25, 1983  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 503 LINE COUNT: 00043

The change involves **replacement** of more than 4,000 signs and the  
redesign of checks, letterheads, business cards, contracts...

...three banks in Minneapolis, Mason City, Iowa, and Fargo, N.D. The

company adopted the word Banco as a unifying symbol in 1972, but most of its subsidiaries are best known by their individual, and widely varying, corporate names. The new name unifies more than 30 different identities and graphic identity systems. Customers of Norwest Banks will be able to use up existing supplies of...

...valid and need not be exchanged for new ones. The current New York Stock Exchange ticker symbol (NOB) will not change. However, after May 1, the corporation will appear at NORWST in...  
?t29/3,k/all

29/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08953909 Supplier Number: 77757241 (USE FORMAT 7 FOR FULLTEXT)  
Tick Here for Company Information. (Evaluation of using ticker symbols in Web searches)  
Ojala, Marydee  
Online, v25, n5, p70  
Sept, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Professional Trade  
Word Count: 2285

... s own Web site.  
There are differences between looking for financial information and looking for news. For public companies, a ticker symbol should be unambiguous when it's the former. You're expecting current information, official government filings, and perhaps speculations on future performance. News may be current or historical, from one country or many countries, and have your target...

...one sentence referencing three other companies as customers. You're likely to find all four tickers in the expanded record. When a subsidiary of a public company appears in an article, the parent ticker is the index point. McGraw Hill Companies Inc. (MHP) owns Standard & Poor's, so a search for MHP results in headlines such as "Certegy to Replace Lone Star Steakhouse in S&P Midcap 400." Business.com and Factiva seem to be...

29/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08867401 Supplier Number: 71722543 (USE FORMAT 7 FOR FULLTEXT)  
Slippery SOAP. (Product Development)  
CARR, DAVID F.  
Internet World, v7, n6, p72  
March 15, 2001  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count: 2421

... someone else will write a Visual Basic routine that submits an entire spreadsheet frill of ticker symbols to your service and displays the results with the biggest turkeys highlighted in flaming orange...

...consumers to track their portfolios picks up on your service and integrates it using Pen scripts running on Linux and Apache. Another fan posts an interface to the service on his personal home page, using a DHTML script that fetches the results of the stock query and updates his page using the smarts of the browser instead of depending on a server to do that work. And it all ought to work...

29/3,K/3 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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08577044 Supplier Number: 74105123 (USE FORMAT 7 FOR FULLTEXT)  
**Researching News and Narratives for Public Companies.**  
Tudor, Jan Davis  
Online, v25, n3, p41  
May, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Professional Trade  
Word Count: 2693

... researcher from having to check the CBS Marketwatch site.  
ARCHIVAL NEWS

Directly below Hoover's **News** is the "Publication and Journal Search." This new source, **replacing** the Powerize option that used to be there, is for subscribers only and is a direct link to ProQuest. If you click on the "**News & Analysis**" tab at the top of Capsule, you are presented with slightly different choices. The ProQuest option is not there. **Instead**, there's "Archived **News** : Newspapers and Industry Periodicals." The source is Northern Light. Click on this and Hoover's...

...company name of American Express, but if your original Hoover's search was for the **ticker symbol** DAL (Delta Airlines), the automatic search statement on Northern Light comes out as simply Delta...

**29/3,K/4 (Item 4 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07944174 Supplier Number: 66358133 (USE FORMAT 7 FOR FULLTEXT)  
**NewsEdge Announces NewsEdge NewsDesk; Outsourced Editorial Syndication Service for Web Sites.**  
Business Wire, p2809  
Oct 25, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 846

... of producing editorial offerings. The NewsEdge Refinery process goes beyond simply filtering by publisher tags, **ticker symbols** or keyword strings. **Instead**, the NewsEdge team of 45 editorial experts reviews topics for context and employs deep industry knowledge, continually tuning individual topics and the entire topic hierarchy. The refined **news** topics are then delivered to customers in an easily customizable format to satisfy end-user...

**29/3,K/5 (Item 5 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06914467 Supplier Number: 58490645 (USE FORMAT 7 FOR FULLTEXT)  
**(2) eCommercial.com Inc. and Eurpsville USA to Launch Internet Learning Series for Children.**  
Business Wire, p1048  
Nov 11, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 667

... eCommercials are asynchronous and highly-compressed e-mail attachments that feature interactive video, audio, still **images**, **text tickers**, **graphics**, animation and live Web hyperlinks. eCommercial.com produces, delivers and monitors the Web-like thin browser clients through traditional e-mail. eCommercials require no special "plug-in" players; **instead**, recipients simply double-click the attachment to begin the

personalized experience.

About Eurpsville USA, Inc...

29/3,K/6 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06797702 Supplier Number: 57508192 (USE FORMAT 7 FOR FULLTEXT)  
**eCommercial.com Inc. and Eurpsville USA to Launch Internet Learning Series for Children.**  
Business Wire, p1036  
Nov 11, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 667

... eCommercials are asynchronous and highly-compressed e-mail attachments that feature interactive video, audio, still **images** , **text tickers** , **graphics** , animation and live Web hyperlinks. eCommercial.com produces, delivers and monitors the Web-like thin browser clients through traditional e-mail. eCommercials require no special "plug-in" players; **instead** , recipients simply double-click the attachment to begin the personalized experience.

About Eurpsville USA, Inc...

29/3,K/7 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06753395 Supplier Number: 56727196 (USE FORMAT 7 FOR FULLTEXT)  
**The war of the words.**  
Hettrick, Scott  
Hollywood Reporter, v360, n2, p18  
Oct 15, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2017

... said.  
Walsh claims the addition of the sports crawl is merely an extension of the **ticker** that ESPN2 and ESPNews implemented several years ago. The timing was coincidental, he said. Walsh...

...addition of the 10 p.m. "SportsCenter" on the West Coast or the Fox-like **graphics** were in response to "Fox Sports **News** ." He claims the changes were **instead** driven by viewer response.

The networks also have similar approaches to self-promotion, both featuring...

29/3,K/8 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06214371 Supplier Number: 54188092 (USE FORMAT 7 FOR FULLTEXT)  
**Comcast & MediaOne To Merge 03/22/99.**  
Newsbytes, pNA  
March 22, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 402

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...merged company wants to use the value of those assets to build its broadband business **instead** . Shareholders of MediaOne are to get 1.1

shares of Comcast Class A Special common stock, which carries the **ticker symbol** CMCSK, for each MediaOne share. Based on Comcast's closing stock price of \$72.875...

...MediaOne is at <http://www.mediaonegroup.com> on the World Wide Web.  
Reported By Newsbytes **News** Network, <http://www.newsbytes.com>  
(19990322/Press Contact: John Alchin, Comcast, 215-981-7503; Steve...

**29/3,K/9** (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06111917 Supplier Number: 53703217 (USE FORMAT 7 FOR FULLTEXT)  
**Love Is in the Air at Southwest Airlines; LUV Airline Earns Its Name.**  
PR Newswire, p7921  
Feb 4, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 414

... was quick to catch on. Southwest immediately requested LUV as its New York Stock Exchange **ticker symbol** and forever changed the airline's spelling of the **word** love. The carrier sold tickets to ride in its "LUV seats" and **instead** of peanuts and soft drinks, it served "LUV bites" and "LUV potions."

For the third...

**29/3,K/10** (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05927822 Supplier Number: 53167809 (USE FORMAT 7 FOR FULLTEXT)  
**LOEWE STARTS DTV PRODUCTION.**  
Consumer Electronics, v38, n44, pNA  
Nov 2, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1112

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...expensive to do in the long term." Loewe next year also will upgrade Xelos ["at" **symbol** ]media" multimedia monitor (TVD March 2 p15) that combines Advanced Micro Devices' 200 MHz K6...

...Product Mgr. Werner Meyer said. Xelos now is sold in 2 configurations: (1) Xelos ["at" **symbol** ]media TV-Online, \$1,375, providing Internet access and e-mail via Loewe Channel and ISDN modem, with home organizer software built in. (2) Step-up Xelos ["at" **symbol** ]media TV-Active that adds 16x CD-ROM and diskette drives at \$3,500. On...

...guide installed in Xelos monitors and Loewe TVs will be upgraded in June to include **news ticker** and other features, although new chipset isn't likely before 2000, Hofer said. Split-screen...

...our dealers." Hecker said that with more than 80% of TVs in Germany sold as **replacements**, Loewe faces "marketing challenge" to convince consumers to buy integrated solution. Any plans to expand...

**29/3,K/11** (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05195814 Supplier Number: 47928292 (USE FORMAT 7 FOR FULLTEXT)  
**Interactive TV Big Picture:**



CableFAX, v8, n101, pN/A  
August 25, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 195

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Denver- **Images** of Moesha's show, her web site and fans writing **letters** shared a single TV screen during a video presentation by CableLab's Dr. Jerry Bennington, snr...

...people want to interact with. Full-scale interactivity will not emerge at once, he said. **Instead**, layers of interactivity, such as web sites, stock market **tickers** or better sound could be added as mix-and-match options over time. At the...

29/3,K/12 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

04199327 Supplier Number: 46140666 (USE FORMAT 7 FOR FULLTEXT)  
**OPPORTUNITY: Browsers, Web pages spell profits for VARs --Major Changes  
Brewing With Java**  
Computer Reseller News, pl13  
Feb 12, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 407

But this time, the payoff could be immense.

Simply put, Java is a **scripting** language that lets anyone run an application through his or her browser. Web sites that support Java will hold a tremendous advantage over those that do not have this capability. **Instead** of merely viewing a **graphic** linked to a particular Web page, clicking on that **image** could launch an entire application, one that displays multimedia **graphics** and sound or a **stock ticker** that continually updates itself with up-to-the-minute information. The possibilities are nearly endless...

29/3,K/13 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2002 The Gale group. All rts. reserv.

06208820 SUPPLIER NUMBER: 80163151 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Freaks Are Us.**  
Stone, Laurie  
Tikkun, 16, 6, 78  
Nov-Dec, 2001  
ISSN: 0887-9982 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1480 LINE COUNT: 00115

... comes off cheesy and plastic.

Never mind. The movie stimulates thought about what, right now, **characterizes** people as human and computing machines as nonhuman. The mapping of the human genome, the...

...them. Implantable devices are in the works that will enable blind people to process visual **images** and people with spinal cord injuries to use their leg muscles. Does anyone consider the heart patient now living with a mechanical **ticker** less human, because a machine has **replaced** a muscle? Are people with other prostheses less than human? Today amputee runners, outfitted with...

29/3,K/14 (Item 2 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2002 The Gale group. All rts. reserv.

05787223 SUPPLIER NUMBER: 61763866 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**WHAT'S HAPPENING, WHERE IT'S HAPPENING AND WHO'S MAKING IT HAPPEN : SLICK  
TECH. (Brief Article)**  
TOMKIW, BETH  
Playboy, 47, 3, 175  
March, 2000  
DOCUMENT TYPE: Brief Article ISSN: 0032-1478 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 344 LINE COUNT: 00029

TEXT:

...Grundig's Pro Avantgarde shaver is loaded with smart features, including a retractable head cover **instead** of the removable--and often lost--plastic variety and a liquid crystal display that tells...

...to 100 memos, phone numbers and e-mail addresses. You can even program this slick **ticker** to remind you of special events. Motorola's equally eye-grabbing Timeport is billed as...

...gadget in sleek silver is an analog and digital wireless phone that lets you grab **news** and information off the Internet. But the chicest of all new tech toys is the flat TV. The Samsung model that is **pictured** at the left connects directly to a DVD player or a VCR for bedside movie...

29/3,K/15 (Item 3 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2002 The Gale group. All rts. reserv.

05418243 SUPPLIER NUMBER: 54948822 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Green. (advice on picking Internet companies to invest in)**  
Kurson, Ken  
Esquire, 132, 1, 28  
July, 1999  
ISSN: 0194-9535 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2770 LINE COUNT: 00238

... Chairman and founder (and former CEO) Scott Blum has joked that he already has the **ticker symbol** --BUY--picked out for his two-year-old company. Too bad he hasn't focused on basics: Until recently, the site showed HTML **code instead** of punctuation; former Apple CEO John Sculley (aka the man who nearly wrecked Apple) sits...

29/3,K/16 (Item 4 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03400949 SUPPLIER NUMBER: 09180045 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Decision factors favoring the use of online sources for providing  
information. (includes bibliography)**  
Piternick, Anne B.  
RQ, v29, n4, p534(11)  
Summer, 1990  
ISSN: 0033-7072 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 6728 LINE COUNT: 00533

... person is simplified. Searches for corporate names may also be simplified if the field is **word** -indexed in an online system; this makes it possible to search fragments of names. In full- **text** databases, parts of names or "popular" company names can be combined with other terms. The ...

...A can be rapidly identified. Online searching may also permit the use of stock exchange **ticker symbols**, DUNS numbers, etc., as **substitutes** for

corporate names. Subject Specification Factors  
Use of online source if: 1 .Printed source is...

29/3,K/17 (Item 5 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03153637 SUPPLIER NUMBER: 06958799 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Stepping Out II. (Software Review) (Quick Clicks) (evaluation)**  
Parascandolo, Salvatore  
MacUser, v4, n10, p77(2)  
Oct, 1988  
DOCUMENT TYPE: evaluation ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 981 LINE COUNT: 00073

ABSTRACT: Berkeley System Design's \$95 Stepping Out II is a Macintosh video screen enhancement utility **substitute** for a large screen display. Based on available RAM, the Mac can have the equivalent...

...to a large RAM-based virtual screen. All windows, although larger than usual, act normally. **Text** entry **autoscrolls** when it reaches the end of the screen. Screen reductions of 25, 50, and 75...

...is that it needs at least two MB of RAM and more for high-end **graphics** programs such as Illustrator 88 or PixelPaint. Stepping Out II is a vast improvement over...

29/3,K/18 (Item 6 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03019777 SUPPLIER NUMBER: 05186952 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PC Quote financial-market monitor now supports Novell's NetWare LANs. (PC Quote Inc.'s PC Quote upgrade, connectivity section)**  
Sustar, Lee  
PC Week, v4, n38, pC33(1)  
Sept 22, 1987  
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 625 LINE COUNT: 00047

ABSTRACT: PC **Quote** Inc upgrades its PC **Quote** microcomputer-based real-time financial-market monitor package to run on local area networks running Novell Inc's NetWare network operating system. PC **Quote** information can now be distributed to up to 100 microcomputers or workstations on a LAN...

...data feeds from over-the-counter and stock markets and relay it to the PC **Quote** Server, an IBM PC AT with 4Mbytes of expanded memory. The server broadcasts its 62,000 memory-resident **ticker symbols** across the network, where other network nodes gather them in background mode. The AT servers will be **replaced** with 80386-based systems, and MSDOS will be **replaced** with OS-2 as soon as possible. The network version of PC **Quote** costs \$395 plus \$75 for the first two workstations and \$50 for each additional workstation.

29/3,K/19 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

12526527 SUPPLIER NUMBER: 63975258 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Super sites for SEC data. (Directory)**  
O'Leary, Mick  
Link-Up, 17, 4, 11  
July, 2000

DOCUMENT TYPE: Directory      ISSN: 0739-988X      LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 1353      LINE COUNT: 00113

... thoroughness, timeliness, and search power. It has the complete  
EDGAR database, searchable by company name, **ticker symbol**, **SIC code**,  
or full **text**. Records are indexed by section, making it possible to link  
directly to financials, management discussions, etc., **instead** of having  
to scan the entire document for a particular part. **Text** is in ASCII, but  
financial tables can be downloaded in EXCEL.

FreeEDGAR is up-to...

**29/3,K/20      (Item 2 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11734186      SUPPLIER NUMBER: 57841977      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**POWERIZING YOUR SEARCH ENVIRONMENT. (product from Powerize.com**  
**Inc.) (Statistical Data Included)**  
Palmer, Catharine  
EContent, 22, 6, 40  
Dec, 1999  
DOCUMENT TYPE: Statistical Data Included      LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 2231      LINE COUNT: 00179

TEXT:

...anyone could pass this aggregator off as a power-anything. Nothing  
worked as advertised. A **ticker** -symbol search did not restrict to a field.  
Instead, it searched the **character string** in the full **text**. The  
**symbol** BHW (Bell & Howell) retrieved an article (originally written in  
Czech) that mentioned BHW Holding, a German company. A single-letter  
**ticker** - **symbol** search was a total disaster, retrieving any article where  
the letter appeared. T for AT&T probably retrieved every mention of that  
letter in the database. IOM (the **ticker** for Iomega) retrieved information  
on breast implants and for IOM Lumber Company. Name searches were...

**29/3,K/21      (Item 3 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

11594141      SUPPLIER NUMBER: 56072049      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Free EDGAR: Liberating SEC Data.**  
O'Leary, Mick  
EContent, 22, 5, 74  
Oct-Nov, 1999  
LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 1265      LINE COUNT: 00104

... EDGAR database, with good search and retrieval features. Filings  
can be searched by company name, **ticker symbol**, or **SIC code**. They are  
indexed by section, making it possible to link directly to financials,  
management discussions, etc., **instead** of having to scan the entire  
document for a particular part. **Text** is in ASCII, but financial tables  
can be downloaded in Excel format for spreadsheet use...

**29/3,K/22      (Item 4 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10484462      SUPPLIER NUMBER: 21167724      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Legal Periodical Indexes on the Web. (Information Service**  
**Review) (Evaluation)**  
Platt, Nina  
Database, v21, n5, p44(1)

Oct-Nov, 1998

DOCUMENT TYPE: Evaluation

ISSN: 0162-4105

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 3738      LINE COUNT: 00289

... As the total number of articles indexed decreased, the number of articles included with full **text** or abstracts increased. SENTENCING ERROR While SearchBank worked quickly most of the time and retrieved...

...product name, case name, case citation, edition, geographic name, grade, jurisdiction, publisher, Standard Industrial Classification **code**, statute citation statute name, ISSN, and **ticker symbol** (included for records added after 1990). The disadvantage, of course, is that, for most end...

...being the month prior to the current month. It also prompts you to type a **word** or phrase and click the search **icon**. That sounds simple enough. However, the screen is filled with so many other options that...

...a New Search; Use SearchPlus (the advanced searching interface); View Search History; Browse the Index; **Logout**; or View Help. Cluttered around the search box are the options: searching **words** anywhere in the record, title, author, or subject; choosing the language of the articles retrieved ...

...understand search page than the simple search page. There are probably as many boxes and **icons**, but organized in a manner that makes it easier to understand how to proceed with...

...the entry-level search page and SearchPlus can be displayed by selecting the Search History **icon** at the top of any ...physical description, ISSN, ISBN, language of work, statute jurisdiction, document type, accession number, or free **text**. The latter is a basic index that includes: Case Citation, Case Name, Corporate Name Subject, Descriptor, Personal Name Subject, Statute Citation Statute Jurisdiction, Statute Name, Subject Heading, Title **Words**, and Uniform Title Subject. Being able to browse the full index of individual fields provides...

...be stored in and can do little more than use the term in a free- **text** search. You get no assistance in how to structure the search for the most precise...

...to, greater than or equal to, or within a range. Wildcards include the asterisk (\*) which **replaces** one or more **characters** at the end of a term and the question mark (?) which **replaces** one **character** or none. THE VERDICT IS IN Once the search is performed, you are taken directly...

...listed articles, the box next to the citation must be checked and the View Marked **icon** clicked to see the citation. As before, you have the option to choose how the articles will be displayed. **Instead** of displaying the articles, you can also choose to email the list or save it to disk. Navigating through WilsonWeb is made easier by the fact that the navigation **icons** (Select a Database, Perform a New Search, Use Search-Plus, View Search History, Browse the Index, **Logout**, or View Help) are displayed on every page throughout the system. Besides these **icons**, other links are made available throughout the search and retrieval process that makes it easier...

...2000 law books published since August 1981. Citations do not include abstracts, and the full **text** is not made available. New citations are added monthly. The search interface is similar to...

...returned in the result set, but the screen is filled with so many boxes and **icons**, the message gets lost. The result is that you have to guess what to do...

...other hand, if the goal is to put access to periodical citations (and some full **text**) in the hands of the end-user, then the Web is probably the way to...

29/3,K/23 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09105654 SUPPLIER NUMBER: 18873308 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**QuickSite 1.0 powerful but quirky Web organizer. (DeltaPoint's Mac-based Web-site management software) (Software Review) (Evaluation)**  
Engst, Tonya  
MacWEEK, v10, n44, p45(2)  
Nov 18, 1996  
DOCUMENT TYPE: Evaluation ISSN: 0892-8118 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1349 LINE COUNT: 00105

... and footer sections for pages in the site), a default bullet and a default background **image** . After you've chosen your site structure, QuickSite takes a site-centric approach to Web authoring, offering such features as a find-and- **replace** operation that works on an entire site, and a library that stores often-used elements, such as **images** and URLs. When a library element changes, pages that use that element automatically reflect that...

...library comes with a few handy elements, most notably a detailed order form and a **script** in JavaScript for creating scrolling **ticker** -tape **text** . We were disappointed that QuickSite provides no easy way to view the items in the...

29/3,K/24 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09070961 SUPPLIER NUMBER: 18772502 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Personalize Web investment pages. (Brief Article)**  
ABA Banking Journal, v88, n10, p116(2)  
Oct, 1996  
DOCUMENT TYPE: Brief Article ISSN: 0194-5947 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 248 LINE COUNT: 00023

... staff, remote retail branches, and financial exchanges.  
Slingshot can display financial data in page format, **quote** lists, **tickers** , and real-time graphs. **Text** , **graphics** , and other standard HTML items can be included on the same Web pages as the...

...not need to reload a Web page to view the latest rates from the market. **Instead** , each rate displayed on a Web page is managed individually by the Slingshot server, so...

29/3,K/25 (Item 7 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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01771727 SUPPLIER NUMBER: 02731391 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Northwest Bancorp. changes name to Norwest Corp.**  
PR Newswire, NYPR173  
April 25, 1983  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 503 LINE COUNT: 00043

The change involves **replacement** of more than 4,000 signs and the redesign of checks, letterheads, business cards, contracts...

...three banks in Minneapolis, Mason City, Iowa, and Fargo, N.D. The company adopted the **word** Banco as a unifying **symbol** in 1972, but most of its subsidiaries are best known by their individual, and widely varying,

corporate names. The new name unifies more than 30 different identities and **graphic** identity systems. Customers of Norwest Banks will be able to use up existing supplies of...

...valid and need not be exchanged for new ones. The current New York Stock Exchange **ticker symbol** (NOB) will not change. However, after May 1, the corporation will appear at NORWST in...  
?t38/3,k/all

**38/3,K/1 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06914467 Supplier Number: 58490645 (USE FORMAT 7 FOR FULLTEXT)  
**(2) eCommercial.com Inc. and Eurpsville USA to Launch Internet Learning Series for Children.**  
Business Wire, p1048  
Nov 11, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 667

... are asynchronous and highly-compressed e-mail attachments that feature interactive video, audio, still images, **text tickers**, **graphics**, animation and live Web hyperlinks. eCommercial.com produces, delivers and monitors the Web-like thin browser clients through traditional e-mail. eCommercials require no special "plug-in" players; **instead**, recipients simply double-click the attachment to begin the personalized experience.  
About Eurpsville USA, Inc...

**38/3,K/2 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06797702 Supplier Number: 57508192 (USE FORMAT 7 FOR FULLTEXT)  
**eCommercial.com Inc. and Eurpsville USA to Launch Internet Learning Series for Children.**  
Business Wire, p1036  
Nov 11, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 667

... are asynchronous and highly-compressed e-mail attachments that feature interactive video, audio, still images, **text tickers**, **graphics**, animation and live Web hyperlinks. eCommercial.com produces, delivers and monitors the Web-like thin browser clients through traditional e-mail. eCommercials require no special "plug-in" players; **instead**, recipients simply double-click the attachment to begin the personalized experience.  
About Eurpsville USA, Inc...

**38/3,K/3 (Item 1 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2002 The Gale group. All rts. reserv.

03153637 SUPPLIER NUMBER: 06958799 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Stepping Out II. (Software Review) (Quick Clicks) (evaluation)**  
Parascandolo, Salvatore  
MacUser, v4, n10, p77(2)  
Oct, 1988  
DOCUMENT TYPE: evaluation ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 981 LINE COUNT: 00073

ABSTRACT: Berkeley System Design's \$95 Stepping Out II is a Macintosh

video screen enhancement utility **substitute** for a large screen display. Based on available RAM, the Mac can have the equivalent...

...to a large RAM-based virtual screen. All windows, although larger than usual, act normally. **Text** entry **autoscrolls** when it reaches the end of the screen. Screen reductions of 25, 50, and 75...

...is that it needs at least two MB of RAM and more for high-end **graphics** programs such as Illustrator 88 or PixelPaint. Stepping Out II is a vast improvement over...

**38/3,K/4** (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

09070961 SUPPLIER NUMBER: 18772502 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Personalize Web investment pages. (Brief Article)**  
ABA Banking Journal, v88, n10, p116(2)  
Oct, 1996  
DOCUMENT TYPE: Brief Article ISSN: 0194-5947 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 248 LINE COUNT: 00023

... staff, remote retail branches, and financial exchanges.  
Slingshot can display financial data in page format, **quote** lists, **tickers**, and real-time graphs. Text, **graphics**, and other standard HTML items can be included on the same Web pages as the...

...not need to reload a Web page to view the latest rates from the market. **Instead**, each rate displayed on a Web page is managed individually by the Slingshot server, so..



File 613:PR Newswire 1999-2002/Jan 30  
(c) 2002 PR Newswire Association Inc  
File 13:BAMP 2002/Jan W3  
(c) 2002 Resp. DB Svcs.  
File 623:Business Week 1985-2002/Jan 29  
(c) 2002 The McGraw-Hill Companies Inc  
File 610:Business Wire 1999-2002/Jan 30  
(c) 2002 Business Wire.  
File 75:TGG Management Contents(R) 86-2002/Jan W3  
(c) 2002 The Gale Group

Set	Items	Description
S1	76299	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	154104	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	294624	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	97138	SIGNS OR SIGNAGE OR SIGN
S5	1758	MARQUEE??
S6	474400	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S7	272980	CHARACTER? OR CHARACTER() STRING?? OR COMPUTER() CODE?? OR C- ODE??
S8	174911	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRIT? OR OVER() WRI- T?
S9	221545	DISPLAY?? OR SCREEN? OR MONITOR?
S10	712377	SCOREBOARD? OR MESSAGE() CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S11	93	(SCORE OR READER) () BOARD??
S12	97215	LED OR LIGHT() EMIT? () DIODE?
S13	6524	LCD OR LCDS OR LIQUID() CRYSTAL() DISPLAY??
S14	418409	ELECTRONIC? OR ELECTRIC
S15	499569	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S16	19	ACTIONGRAPH? OR MOTIONGRAPH? OR MOBILELED OR MOBILE() LED
S17	39420	TICKER?? OR STOCKTICKER? OR STOCK() TICKER? OR AUTOSCROLL? - OR NEWS CRAWL OR TEXT SCROLL?
S18	0	S16(S) S8(S) (S6 OR S7)
S19	0	S16(S) S17
S20	8	S16(S) S15
S21	8	RD S20 (unique items)
S22	1400	S8(S) (S6 OR S7) (S) S1:S3
S23	8	S22(S) (S4 OR S5) (S) (S12 OR S13 OR S14)
S24	0	S23 NOT PY=>1996
S25	7	RD S23 (unique items)
S26	19	S22(S) S17
S27	0	S26 NOT PY=>1996
S28	19	S26 NOT S23
S29	18	RD S28 (unique items)
S30	424	S22(S) (S9 OR S10 OR S11)
S31	105	S30(S) S15
S32	97	S31 NOT (S20 OR S23 OR S26)
S33	18	S32 NOT PY=>1996
S34	11	RD S33 (unique items)
S35	948	S17(3N) (S6 OR S7)
S36	0	S35(3N) S8(3N) S1
S37	2	S35(S) S8(S) S1
S38	1	RD S37 (unique items)

21/3,K/1 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00554756 20010716197B5395 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Provides Mobile LED for Celebrity Classic Golf Event**  
Business Wire  
Monday, July 16, 2001 10:53 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 357

This high-profile event gave us additional national exposure for our **mobile LED** unit," said Rightmyer. "We have found that these events are often our best sales tools...

...a wall-mounted or pedestal-supported front lit case. New Millennium is expanding its full- **motion** , full-color LED billboard marketing throughout the United States.  
The LED screens are displayed on...

21/3,K/2 (Item 2 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00532916 20010605156B3182 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Welcomes President Bush to Tampa, Fl**  
Business Wire  
Tuesday, June 5, 2001 13:43 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 533

...United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...

21/3,K/3 (Item 3 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00522693 20010517137B2778 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Announces 5-1 Stock Split**  
Business Wire  
Thursday, May 17, 2001 16:07 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 527

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at the New Millennium corporate office.  
New

Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...

**21/3,K/4 (Item 4 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00470798 20010227058B9601 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Announces GKC Cinema Deal**  
Business Wire  
Tuesday, February 27, 2001 10:50 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 631

...United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...

**21/3,K/5 (Item 5 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00435083 20010103003B3261 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium announces Regal Cinema Test Market**  
Business Wire  
Wednesday, January 3, 2001 11:45 EST  
JOURNAL CODE: BUSINESS-WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 681

...United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a **Mobile LED** unit that has the same features as listed above, but is mounted on a truck...

**21/3,K/6 (Item 6 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00433380 20001227362B1524 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium's CEO Interviewed by OTC News Network**  
Business Wire  
Wednesday, December 27, 2000 09:01 EST  
JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 631

...United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a

**Mobile**

**LED** unit that has the same features as listed above, but is mounted on a truck...

21/3,K/7 (Item 7 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00429586 20001218353B7663 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Teams Up With Tampa Bay Thunderdaws**  
Business Wire  
Monday, December 18, 2000 09:50 EST  
JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 630

...United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a

**Mobile**

**LED** unit that has the same features as listed above, but is mounted on a truck...

21/3,K/8 (Item 8 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00428647 20001215350B6719 (USE FORMAT 7 FOR FULLTEXT)  
**New Millennium Announces \$1.4 million in Debt Reduction**  
Business Wire  
Friday, December 15, 2000 08:58 EST  
JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 547

...United States. These displays can be located on buildings or poles such as billboards. Full **motion** Digital LED displays can display advertisements as seen on television or on the computer in...

...displays will have the ability to display multiple advertisements per display in full color and **motion** and can be updated or changed within minutes by a central control room located at New Millennium corporate office. New Millennium has recently purchased a

**Mobile**

**LED** unit that has the same features as listed above, but is mounted on a truck...

?

25/3,K/1 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2002 PR Newswire Association Inc. All rts. reserv.

00647840 20010926NYW120 (USE FORMAT 7 FOR FULLTEXT)  
**Zions Bank Chooses DownloadProspectus.comerfeit Currencyde**  
PR Newswire  
Wednesday, September 26, 2001 14:51 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 590

TEXT:

Since transitioning to **electronic** delivery of official statements for municipal bond issues, and outsourcing the task to DPC DATA...

...does everything else."

Although Zions Bank had been sending its clients preliminary statements in PDF **electronic** format since June of 1998, Pehrson said that signing up with DownloadProspectus was the next step. "Sending statements **electronically** allows issuers to reduce printing and mailing costs, and helps them more easily comply with...

...Nicole Ciffuni, who works in Zions Bank's back office, says that customer acceptance of **electronic** statement delivery has been almost unanimous. Since initiating the service last April, Zions Bank has...

...DATA, the provider of DownloadProspectus, more and more financial firms are indeed making this transition. " **Electronic** delivery **replaces** a labor-intensive back-office process without any downside whatsoever," he said. "It's as...

...delivery."

Pehrson agreed that ease of disclosure compliance was a major factor in deciding to **sign** up with DownloadProspectus. "The DPC DATA online statement delivery service makes some of the regulated...

...the municipal securities industry for over nine years. In addition to marketing a portfolio of **trademarked** products that facilitate municipal securities research and disclosure compliance, DPC DATA offers custom services in the areas of document conversion, data extraction, full- **text** indexing, software development, and Web technology. Additional information is available at <http://www.dpcdata.com>...

25/3,K/2 (Item 1 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01226115 03082334 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**SmartPaper, Smart Signage**  
(Macy's East pilots wireless sign technology)  
Article Author(s): Saunders, Lucy  
Point of Purchase, v 7, n 7, p 14  
July 2001  
DOCUMENT TYPE: Journal ISSN: 1085-5009 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1358

TEXT:

...to pilot a new technology from Palo Alto, Calif.-based Gyricon Media. Macy's has **replaced** a dozen paper **signs** with dynamic -- and cost-effective -- **electronic** displays built using SmartPaper, a flexible, plasticized new media. The new **signs** are completely wireless, running on a few AA batteries and rendering flashing or scrolling **text** or **images** at nearly 200 dpi, and any user with an Internet browser and a radio-frequency network can instantly update **text** and **images** with a few keystrokes.

25/3,K/3 (Item 2 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2002 Resp. DB Svcs. All rts. reserv.

01194630

02732726 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Internet Users at Risk: The Identity/Privacy Target Zone: Part 1 of 2 parts**

(Internet users and builders must be aware of the ways the Internet can be used to commit fraud and deception; describes various tactics and how they work)

Article Author(s): Arnold, Stephen E

Searcher, v 9, n 1, p 24-39

January 2001

DOCUMENT TYPE: Journal ISSN: 1070-4795 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3782

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...knows that a certain

number of people will buy Y because they bought X.

Agents

**Scripts** that perform specific tasks and are equipped with some type of mechanism that allows the **script** to take different actions depending upon a situation. At this time agents cannot readily communicate...

...cleaning

shop is a perfect mundane example of a cookie. Less powerful than cgi-bin **scripts** programmed to perform ET functions, cookies are widely prevalent to expedite transactions or access.

Cracking...

...a year's

collection of American Express credit card users' transactions.

Encryption

Encoding a clear **text** message into a collection of normally unreadable **letters** and **symbols**.

ET

A program sent from one computer to another, usually unbeknownst to the recipient. The...

...then transmits the data to its home base. "ET

is a play on the motion **picture** where an extraterrestrial creature wants to "phone home"; that is, send information from one remote...

...for a secure session.

Opt-in-marketing

An Internet user knowingly or unwittingly provides an **electronic** marketer with permission to resell or use the address for direct marketing of other products and

services.  
Password           A secret string of **words** and numbers used to  
                    prove to an online system that a person  
                    logging on to...  
  
...desires.  
PKI                Public Key Infrastructure is a system that  
                    will allow people to obtain encryption **codes**  
                    and permit authorized recipients to view a  
                    document changed from clear **text** to unreadable  
                    format. The "key" is needed to read the  
                    message. PKI assumes a standard...  
  
...the leaders in PKI and is the  
                    world's first multi-certificate authority PKI.  
Single **Sign** On     A software program that automatically **replaces**  
                    many passwords with a single point of entry.  
Sniffer            A **script** that look for **words**, phrases, terms,  
                    concepts, and tendencies in digital messages.  
                    Sniffers are difficult to detect, since they...  
  
...a  
                    sniffing process. Separate software is  
                    required to interpret what the "sniffer"  
                    senses.  
Spider             A **script** designed to traverse a Web site by  
                    following links. It can be set up to...  
  
...properly encoded Web  
                    pages. The Short Messaging Service allows a  
                    mobile device to send a **text** message entered  
                    with a keypad or stylus from a properly  
                    equipped device. Voice and **text** messages can  
                    be intercepted.

Millions of online shoppers click "Yes, I would like to receive..."

25/3,K/4        (Item 3 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01128938           02057577

#### Overdrive

(General Motors Corp's intranet Socrates is more of a directory site that  
links to many other departmental sites; Socrates allows employees to  
sign up for training, and search for best practices)

Article Author(s): Kalin, Sari

CIO WebBusiness, v 12, n 18, p 36-40

July 01, 1999

DOCUMENT TYPE: Journal ISSN: 0894-9301 (United States)

LANGUAGE: English RECORD TYPE: Abstract

#### ABSTRACT:

**Instead** of envisioning the intranet as a single entity that would dictate  
content for all of General Motors Corp. (GM), Michael Wiley, intranet  
manager at GM, **pictured** the intranet as a central directory site that  
would connect to locally controlled divisional and...

...links as new sites went online. It would become GM employees' primary  
home page, providing **news**, information and services related to GM as a  
whole and their divisions in particular. GM...

...over 500 internal GM sites. Employers can search GM University's catalog  
of classes online, **sign** up for online and in-classroom training, and  
complete online training programs. They can also...

...modified in response to a change in the manner GM pays for Web hosting  
from **Electronic** Data Services Inc. (EDS). In the redesigned version, a

server-side Java application produces new static HTML pages every five minutes, with updated **news**, ad banners and stock quotes. Socrates developers expect the change to save 90-95% on CPU utilization. Article discusses GM's efforts to make company **news** and resources available on Socrates to assembly-line employees.

...

25/3,K/5 (Item 4 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01041590 01020250 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Total Cost of Ownership**

(Computer equipment firms and value-added resellers can work together to help control total cost of ownership for end-users)

Article Author(s): Doyle, TC

VAR Business, v XIII, n 3, p 68-82

March 01, 1997

DOCUMENT TYPE: Journal ISSN: 0894-5802 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2685

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...up

By T. C. Doyle

HAD TECHNOLOGY EXECUTIVES AT Sears, Roebuck and Co. decided to **replace** the venerable, **text**-based computing terminals used at hundreds of Sears automotive repair shops nationwide when they first showed **signs** of age two years ago, they would have chosen fully configured PCs with a **graphical** user interface (GUI). When they began tallying support, maintenance and administrative costs associated with PCs, however, they considered alternatives. That **led** them to Unique Cooperative Solutions Inc. (UCSI), a Kansas City VAR with a new option...

25/3,K/6 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00655024 20020129029B8278 (USE FORMAT 7 FOR FULLTEXT)

**LinuxWorld Conference & Expo Exhibitor Profiles**

Business Wire

Tuesday, January 29, 2002 09:31 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,933

...connected

applications. The product family ranging from the 3 x 5" Bitsy to the rich **Graphics** Master with USB connectivity, is available with embedded Linux. ADS systems are **characterized** by their low-power consumption, small form factors, robust functionality and low-cost. ADS is...

...11:45 am

- WHERE: 1E05 Jacob K. Javits Convention Center (Pls. look for the Caldera **sign**)

- TOPICS: Product announcements, Caldera updates, and other Caldera **news**

- PRESENTERS: Caldera CEO and President Ransom Love and Caldera VP of Marketing and Corporate Development...

...enterprise-class data centers, the BladeFrame solves multiple pain points from a single chassis by **replacing** physical components with virtual switches and interfaces. Results include lower total cost of



ownership, potential...company specializing in customized solutions for the industry. ISC has developed a complete cookie-less **Electronic** Commerce package called Commerce Made Easy (TM) (see CommerceMadeEasy.com). ISC is situated on a...

...products addressing specific customer needs such as the Java Development environment, High Availability technology, powerful **graphics** toolkits and more.

Company: Platform Computing

Booth: 620

Contact: Carolyn Luke

Phone: 905-948-4640...

...cell 917-743-3831

E-mail: psugrue@stanton-crenshaw.com

Web: www.sharpsusa.com

Sharp **Electronics** Corporation has redefined the concept of the PDA with the introduction of the Zaurus(tm...

...consumers and corporate users. The Zaurus SL-5500 features Sharp's high resolution color reflective **LCD** screen technology, a cleverly designed integrated QWERTY keyboard with a sliding cover, dual expansion with...

25/3,K/7 (Item 2 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2002 Business Wire. All rts. reserv.

00292390 20000601153B3418 (USE FORMAT 7 FOR FULLTEXT)

**Titleist Responds to Tiger Woods' Announcement to Switch Golf Balls**  
Business Wire

Thursday, June 1, 2000 17:26 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,665

TEXT:

...performance and quality attributes of the Titleist golf ball franchise.

That single-minded commitment that **led** to the growing numbers of professional golfers during the early years to play Titleist remains...

...In fact, in our October 10, 1996, press release announcing our association with Tiger, my **quote** in the final paragraph read: "There are three strategic drivers that are at the heart...

...golfer and a person, represents the promises of quality, excellence and leadership. These are common **characteristics** shared with our brands. Secondly, the intent of the association is that we will work...  
...just as important, is that Tiger Woods is a man of the next millennium." Those **words** still ring true.

Our commitment to Tiger was affirmed when he continued to use the...

...ads or specific product endorsement ads. The response was that they leaned towards a brand **icon** use of Tiger by Nike and that this was only a problem if, and when...

...we did not seize the legal options that were available to us during this period.

**Instead**, we negotiated a new deal that recognized the all-encompassing rights that were apparently assigned...

...consummated.

In addition, in and around this same time of contention and litigation, we received **word** from Tiger and IMG that they were exercising the renewal clause of the 1996 agreement...per

event basis. We made the decision to give up the rights to the Titleist **script** on his golf bag and to forego the use of Tiger's name or likeness in any advertising. Clearly these were **signs** and signals suggestive that different futures were in the cards for both parties. This explains...

...best players.

This pluralistic strategy is unique in a golf world of one or two **marquee** player franchise strategies and tactics. Because the overwhelming majority of the world's top-ranked...  
?

29/3,K/1 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2002 PR Newswire Association Inc. All rts. reserv.

00696683 20020104CGF029 (USE FORMAT 7 FOR FULLTEXT)  
**Eddie Bauer Pres/CEO to Retire Executive Changes Announced**  
PR Newswire  
Friday, January 4, 2002 13:04 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 586

TEXT:

...conjunction with this announcement, the company has hired a national search firm to find a **replacement**. During a transition period, Fersch will continue to work with the company to run the...

...600 specialty retail and outlet stores and eight e-commerce sites, including eddiebauer.com, newport- **news** .com and spiegel.com. The Spiegel Group's businesses include Eddie Bauer, Newport **News**, Spiegel and First Consumers National Bank. The company's Class A Non-Voting Common Stock trades on the Nasdaq National Market System under the **ticker symbol** : SPGLA. Investor relations information is available on The Spiegel Group Web site ( thespiegelgroup.com ).

MAKE...

29/3,K/2 (Item 2 from file: 613)  
DIALOG(R)File 613:PR Newswire  
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00684431 20011203DAM040 (USE FORMAT 7 FOR FULLTEXT)  
**EOTT Energy Partners, L.P. Not Party to Enron Bankruptcy**  
PR Newswire  
Monday, December 3, 2001 14:14 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 264

TEXT:

...it has entered into an interim credit facility with its primary lender, Standard Chartered, to **replace** its existing facility with Enron Corp. The interim facility provides for the immediate issuance through March 2002 of up to \$150 million of **letters** of credit. Reference is made to Friday's press release and to EOTT's most...

...The Partnership's Common Units are traded on the New York Stock Exchange under the **ticker symbol** "EOT".

MAKE YOUR OPINION COUNT - Click Here  
<http://tbutton.prnewswire.com/prn/11690X41267535>

29/3,K/3 (Item 3 from file: 613)  
DIALOG(R)File 613:PR Newswire  
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00683673 20011130DAF044 (USE FORMAT 7 FOR FULLTEXT)  
**EOTT Energy Partners: Interim Credit Agreement**  
PR Newswire  
Friday, November 30, 2001 17:10 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 683

TEXT:

...into an interim credit facility with its primary lender, Standard Chartered, for the purpose of **replacing** its existing credit facility with Enron. It also announced that, due to events involving Enron...

...Chartered provides for the immediate issuance through March 2002 of up to \$150 million of **letters** of credit. For the month of December, this is in addition to amounts previously provided...  
...The Partnership's Common Units are traded on the New York Stock Exchange under the **ticker symbol** "EOT".  
This press release includes forward-looking statements within the meaning of Section 27A of...

**29/3,K/4 (Item 4 from file: 613)**  
DIALOG(R)File 613:PR Newswire  
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00675340 20011113CGTU019 (USE FORMAT 7 FOR FULLTEXT)  
**Rich Lauer Appointed Spiegel's Vice President - Operations**  
PR Newswire  
Tuesday, November 13, 2001 10:32 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 454

TEXT:

...Lauer also will continue to serve as president and chief executive officer of DFS. Lauer **replaces** David Boothby who resigned from the company.

"This is a critical executive position that integrates...

...580 specialty retail and outlet stores and eight e-commerce sites, including eddiebauer.com, newport- **news** .com and spiegel.com. The Spiegel Group's businesses include Eddie Bauer, Newport **News** , Spiegel and First Consumers National Bank. The company's Class A Non-Voting Common Stock trades on the NASDAQ National Market System under the **ticker symbol** : SPGLA. Investor relations information is available on The Spiegel Group Web site ( thespiegelgroup.com ).

MAKE...

**29/3,K/5 (Item 5 from file: 613)**  
DIALOG(R)File 613:PR Newswire  
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00664634 20011025CHTH019 (USE FORMAT 7 FOR FULLTEXT)  
**Bank America Third Millennium Healthcare Provide Lockbox**  
PR Newswire  
Thursday, October 25, 2001 12:05 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 860

TEXT:

...of America, the nation's largest wholesale lockbox processor, has one of the most extensive **image** lockbox networks and product offering of any bank in the country. After becoming one of the first banks to provide wholesale lockbox clients with **images** of check and remittance documents, Bank of America

went on to become the first bank to offer coast-to-coast **image** lockbox services and the first to offer **images** of lockbox checks and correspondence over the Internet. Using these capabilities, clients can view the work processed on a same-day basis **instead** of waiting up to three days for the physical paper to be delivered.

One of...

...access for more than 3 million customers, more than any other bank.

Bank of America **stock** ( **ticker** : BAC) is listed on the New York, Pacific and London stock exchanges. The company's Web site is <http://www.bankofamerica.com>. **News** , speeches and other corporate information may be found at <http://www.bankofamerica.com/newsroom>.

29/3,K/6 (Item 6 from file: 613)

DIALOG(R)File 613:PR Newswire

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00644110 20010919CHW012 (USE FORMAT 7 FOR FULLTEXT)

**ThermoView Industries Ranked One of Largest Remodeler**

PR Newswire

Wednesday, September 19, 2001 11:55 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 521

TEXT:

...home improvement company.

ThermoView's 2000 revenues of approximately \$98 million reflect sales of installed **replacement** windows and doors, vinyl siding, home-textured coating and roofing, kitchen and bathroom remodeling, and...

...Louisville, Kentucky, and its common stock is listed on the American Stock Exchange under the **ticker symbol** "THV."

Statements in this **news** release that are not descriptions of historical facts are forward-looking statements that are subject to risks and uncertainties. **Words** such as "expect," "intends," "believes," "plans," "anticipates" and "likely" also identify forward-looking statements. All...

29/3,K/7 (Item 1 from file: 13)

DIALOG(R)File 13:BAMP

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01227883 03097377 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Web Search Engine FAQs: Questions, Answers and Issues - Part 3 of 3**

(Discusses 'traditional' search on search engines that find open Web content)

Article Author(s): Price, Gary

Searcher, v 9, n 9, p 38-51

October 2001

DOCUMENT TYPE: Journal ISSN: 1070-4795 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2509

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...quotation marks" Yes, terms inside

(\*) (asterisk) can be used to  
**replace** multiple **characters** .  
% (percent) **symbol** is used to  
**replace** only one **character** .

No.

Yes, options include:

url:  
title:

...pull-down

pub:

company: (special collection  
only)

**ticker** : (some special  
collection only)

**text** :

No.

No.

**News** content (56 newswires)  
database updated in real-time  
Free to read for 2 weeks.  
Alerts (A free service. Results  
are returned via e-mail) Special  
Collection (Full- **Text** material  
from over 7,100 publications)  
Investext, Market Research,  
EIU content is also available.  
Materials...

...terms inside "quotation marks"

(\*) (asterisk) can be used to  
**replace** multiple **characters** .  
% (percent) **symbol** is used to  
**replace** only one **character** .

No.

Yes, options include:

url:

...interface, specific syntax for

company: (special collection  
only)

**ticker** : (some special  
collection only)

**text** :

No.

No.

**News** content (56 newswires)  
database updated in real-time

...at

Alerts (A free service. Results  
are returned via e-mail) Special  
Collection (Full- **Text** material  
from over 7,100 publications)  
Investext, Market Research,  
EIU content...

"quotation marks."

No. (Stemming option  
available on  
Advanced Interface.)

Yes.

Numerous fields are  
searchable using fill-  
in boxes...

menus on the Advanced  
Search interface.

Additionally, fielded  
search can be achieved  
using special syntax.

Here are few

examples:

title:

domain:

linkdomain:

No.

LookSmart

**News** Search (primarily  
MSNBC content)

-

Yes, terms inside "quotation  
marks."

No.

No.

Search by Field In addition  
to several fields available...

many fields was introduced  
in July, 2001.

No.

No.

url.tld: link.extension  
url.host: Additional...

normal.title: [http://www.  
alltheweb.com/  
help/basic.html](http://www.alltheweb.com/help/basic.html)

**Picture** Search

MP3 Search

Video Search

Mobile Search

...s "custom folders" interface will also run  
organizes content by subject, the search in the **Picture** ,  
type, source, and language. MP3, and Video databases.  
If results are found they  
are presented...

**29/3,K/8 (Item 2 from file: 13)**  
DIALOG(R)File 13:BAMP  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01221310 03037411 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Tick Here for Company Information**

(Searching the Internet for company or financial data with the use of a  
stock's ticker symbol is not as fruitful as in the past due to changing  
search economics, global sources, and quality problems)

Article Author(s): Ojala, Marydee

Online Magazine, v 25, n 5, p 70

September 2001

DOCUMENT TYPE: Journal ISSN: 0146-5422 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2143

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...s own Web site.

There are differences between looking for financial information and looking  
for **news** . For public companies, a **ticker symbol** should be unambiguous  
when it's the former. You're expecting current information, official  
government filings, and perhaps speculations on future performance. **News**  
may be current or historical, from one country or many countries, and have  
your target...

...one sentence referencing three other companies as customers. You're  
likely to find all four **tickers** in the expanded record. When a subsidiary  
of a public company appears in an article, the parent **ticker** is the index  
point. McGraw Hill Companies Inc. (MHP) owns Standard & Poor's, so a search  
for MHP results in headlines such as "Certegy to **Replace** Lone Star  
Steakhouse in S&P Midcap 400." Business.com and Factiva seem to be...

**29/3,K/9 (Item 3 from file: 13)**  
DIALOG(R)File 13:BAMP  
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01212135 02952326 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Researching News and Narratives for Public Companies**

(Six business portal sites for searching for company data include some  
repetitive information, but each has unique content)

Article Author(s): Tudor, Jan Davis

Online Magazine, v 25, n 3, p 41

May 2001

DOCUMENT TYPE: Journal ISSN: 0146-5422 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2520

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...researcher from having to check the CBS Marketwatch site.

ARCHIVAL NEWS

Directly below Hoover's **News** is the "Publication and Journal Search."  
This new source, **replacing** the Powerize option that used to be there, is

for subscribers only and is a direct link to ProQuest. If you click on the " **News** & Analysis" tab at the top of Capsule, you are presented with slightly different choices. The ProQuest option is not there. **Instead** , there's "Archived **News** : Newspapers and Industry Periodicals." The source is Northern Light. Click on this and Hoover's...

...company name of American Express, but if your original Hoover's search was for the **ticker symbol** DAL (Delta Airlines), the automatic search statement on Northern Light comes out as simply Delta...

**29/3,K/10** (Item 4 from file: 13)  
DIALOG(R)File 13:BAMP  
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01201705 02816507 (USE FORMAT 7 OR 9 FOR FULLTEXT)

#### **Slippery SOAP**

(Simple Object Access Protocol (SOAP) emerges as technology that can be used by Visual Basic or Java developer to make any function available over Internet)

Article Author(s): Carr, David F

Internet World, v 7, n 6, p N/A

March 15, 2001

DOCUMENT TYPE: Journal ISSN: 1097-8291 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2254

(USE FORMAT 7 OR 9 FOR FULLTEXT)

#### **TEXT:**

...someone else will write a Visual Basic routine that submits an entire spreadsheet frill of **ticker symbols** to your service and displays the results with the biggest turkeys highlighted in flaming orange...

...consumers to track their portfolios picks up on your service and integrates it using Pen **scripts** running on Linux and Apache. Another fan posts an interface to the service on his personal home page, using a DHTML **script** that fetches the results of the stock query and updates his page using the smarts of the browser **instead** of depending on a server to do that work. And it all ought to work...

**29/3,K/11** (Item 5 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01194542 02719129 (USE FORMAT 7 OR 9 FOR FULLTEXT)

#### **DeepCanyon Deep-Sixed; MindBranch Extends Reach**

(Although business information Web site DeepCanyon has closed due to a lack of further funding, MindBranch, which used to operate as PRGGuide.com, offers work done by some 200 market research publishers, and is extremely easy to use)

Information Advisor, v 12, n 12, p 5-6,8

December 2000

DOCUMENT TYPE: Newsletter ISSN: 1050-1576 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1437

(USE FORMAT 7 OR 9 FOR FULLTEXT)

#### **TEXT:**

...its operations, and a new aggregator, MindBranch has appeared.

The below revised feature comparison chart **substitutes** MindBranch for the DeepCanyon entry.

	MindBranch	IMR Mall
No. of Active Publishers	16	80



No...

...the report                      YES: price varies      YES: price varies  
Special Features                   LiveHelp                      N.A.  
                                 Shopping cart **icon**  
                                 **News** and analysis  
                                 Market research  
                                 firm "finder"  
                                 service  
                                 Market/Research.com      MarketIntel  
No. of Active                      100...

...Other Fields                      Publishers, title, Date, contributor,  
                                 abstract, industry industry, region,  
                                 date, price range      company (or **ticker** ),  
                                 author, type of  
                                 report (company,  
                                 industry or  
                                 geographic)  
Free TOC                              YES About 1/6                      Some...

29/3,K/12                      (Item 6 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01149130                      02261575 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Powerizing Your Search Environment**

(Powerize's Simple search screen has four elements, including a search category, industry, and a free search text box, while its Advanced screen offers rudimentary Boolean operators; some error messages are frustrating)

Article Author(s): Palmer, Catherine

EContent, v 22, n 6, p 40-42

December 1999

DOCUMENT TYPE: Journal ISSN: 1525-2531 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2094

(USE, FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...anyone could pass this aggregator off as a power-anything. Nothing worked as advertised. A **ticker** -symbol search did not restrict to a field. Instead, it searched the **character string** in the full **text**. The **symbol** BHW (Bell & Howell) retrieved an article (originally written in Czech) that mentioned BHW Holding, a German company. A single-letter **ticker - symbol** search was a total disaster, retrieving any article where the letter appeared. T for AT&T probably retrieved every. mention of that letter in the database. IOM (the **ticker** for Iomega) retrieved information on breast implants and for IOM Lumber Company. Name searches were...

29/3,K/13                      (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00447085 20010123023B5403 (USE FORMAT 7 FOR FULLTEXT)

**ON24 Video Investor Alert: Expert: There Still Is a 'New Economy'**

Business Wire

Tuesday, January 23, 2001 00:55 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 93

...video investor alerts visit <http://www.on24.com>

Editor's Note: The mention of the **Ticker symbol** in the original story had a **character** looking like an inverted 'v' rather than the dash that appears there now. The **substitution** was made because many media systems do not support the original **character** .

CONTACT: ON24 News Department  
415/369-8380  
URL: <http://www.businesswire.com>

29/3,K/14 (Item 2 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00394342 20001025299B1613 (USE FORMAT 7 FOR FULLTEXT)  
**NewsEdge Announces NewsEdge NewsDesk; Outsourced Editorial Syndication Service for Web Sites-Up-To-The-Minute, Industry-Specific Business and Regional News Builds Online Communities and Reinforces Web Site Brands**  
Business Wire  
Wednesday, October 25, 2000 14:57 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 852

...of producing editorial offerings. The NewsEdge Refinery process goes beyond simply filtering by publisher tags, **ticker symbols** or keyword strings. **Instead** , the NewsEdge team of 45 editorial experts reviews topics for context and employs deep industry knowledge, continually tuning individual topics and the entire topic hierarchy. The refined **news** topics are then delivered to customers in an easily customizable format to satisfy end-user...

29/3,K/15 (Item 3 from file: 610)  
DIALOG(R)File 610:Business Wire  
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00368353 20000921265B4624 (USE FORMAT 7 FOR FULLTEXT)  
**SAFLINK Corporation Agrees to Acquire Jotter.com**  
Business Wire  
Thursday, September 21, 2000 11:39 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 701

...of convenient and easy-to-use tools, including an e-wallet, form-filler, and customizable **news ticker** tape that significantly enhances and personalizes each user's online experience. More than 200,000...

...biometric software solutions to verify individual identity, to protect business and personal information, and to **replace** passwords and PINs in order to safeguard and simplify access to electronic systems and enable...

...web site  
([www.saflink.com](http://www.saflink.com)).  
All brands and products referenced herein are acknowledged to be **trademarks** , registered **trademarks** or service marks of their respective holders.

The aforementioned remarks contain forward-looking statements that...

29/3,K/16 (Item 4 from file: 610)  
DIALOG(R)File 610:Business Wire  
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00253958 20000411102B4509 (USE FORMAT 7 FOR FULLTEXT)  
(THV) Adatom.com Announces E-Commerce Initiative With ThermoView Industries, Inc.  
Business Wire  
Tuesday, April 11, 2000 10:42 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 676

...Louisville, Kentucky, ThermoView Industries, Inc. designs, manufactures, markets, installs and services custom vinyl new and replacement windows and replacement doors, primarily for the existing home market. The Company's strategy is to pursue both internal and external growth opportunities within the \$8 billion replacement window/door industry. To date, ThermoView has acquired or merged with 14 companies with combined...

...110 million. ThermoView Industries' common stock is listed on the American Stock Exchange under the ticker symbol "THV". Additional information on ThermoView Industries can be accessed on the Internet at www.thermoviewinc.com. This press release includes statements that may constitute "forward-looking" statements, usually containing the words "believe," "estimate," "project," "expect," or similar expressions. Forward-looking statements inherently involve risks and uncertainties...

29/3,K/17 (Item 5 from file: 610)  
DIALOG(R)File 610:Business Wire  
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00191992 20000210041B6798 (USE FORMAT 7 FOR FULLTEXT)  
Chyron Provides Two Duet Video Graphics Systems for NBA's New Television Network  
Business Wire  
Thursday, February 10, 2000 11:36 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 770

...system for this application for a number of reasons: First, DUET provides the broadcast quality graphics that a customer like the NBA requires. DUET's architecture also allows us to design the complex display the NBA wanted, on just one system, instead of needing a composite of one graphics generator to handle the ticker, another to handle the game scores, another for other applications, and so on. The Chyron...

...decades, Chyron Corporation has established itself as a leading innovator in the development of television graphics and distribution systems, including products that meet the demands of digital and high-definition television. Chyron Graphics Division provides a broad range of leading-edge hardware and software products, including paint and animation systems, character generators and digital graphics systems, along with stillstore and clipstore packages.

Chyron's Pro-Bel Division provides signal distribution...

29/3,K/18 (Item 6 from file: 610)  
DIALOG(R)File 610:Business Wire  
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00137185 19991111315B1036 (USE FORMAT 7 FOR FULLTEXT)  
**eCommercial.com Inc. and Eurpsville USA to Launch Internet Learning Series  
for Children**  
Business Wire  
Thursday, November 11, 1999 07:14 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 709

...eCommercials are asynchronous and highly-compressed e-mail  
attachments that feature interactive video, audio, still **images** , **text**  
**tickers** , **graphics** , animation and live Web hyperlinks. eCommercial.com  
produces, delivers and monitors the Web-like thin browser clients  
through traditional e-mail. eCommercials require no special "plug-in"  
players; **instead** , recipients simply double-click the attachment to  
begin the personalized experience.

About Eurpsville USA, Inc...

?

34/3,K/1 (Item 1 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00204536 SUPPLIER NUMBER: 18259812 (USE FORMAT 7 FOR FULL TEXT)  
**Socialized economic action: a comparison of strategic investment decisions in China and Britain. (includes appendix)**  
Lu, Yuan; Heard, Rachel  
Organization Studies, v16, n3, p395(30)  
Summer, 1995  
ISSN: 0170-8406 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 13552 LINE COUNT: 01232

... some similarities in decision-making processes. First of all, each investment decision took a considerable **time** -- two to four years -- from its proposal to final approval. Due to state ownership and...1984) -- all six firms were large and consequently complex in their structure. In terms of **time** frames, the six cases were similar in that there was a pre-proposal episode **characterized** by 'evolutionary processes', in which clear ideas about investment emerged from ongoing business activities and pressures of competition or facility renovation. The processes **displayed** a mode of incrementalism (Lindblom 1980) with marginal progression. The second similarity refers to the...

...levels. Formal rules as analysis criteria in decision making were designed to enforce convergence towards **action** (c.f. Langley 1990). As the six cases have revealed, multiple vertical channels forming a...

...however, investment decision-making in China and Britain also exhibited striking differences. The first distinctive **characteristic** is that the Chinese cases involved multiple external authorities, while in Britain, actors, in most...

...procedure. In China, on the other hand, the interaction between government and business organizations was **characterized** by an ad hoc, socialized and reciprocal process under the legislation. Each authority forced firms...

...decisions remained highly centralized and controlled by planning authorities. Large investments in Chinese firms were **characterized** by complex and lengthy processes, in which many actors, internal and external, were involved with...pattern of strategic investment decision-making is common to both Chinese and British firms, displaying **characteristics** of multiple actor involvement, lengthy timing, the evolutionary feature of opportunity recognition and identification, interwoven...

...to the market or from internal sources. On the other hand, when an organization's **action** is perceived to be incompatible with social obligations, such as city planning and environment protection...

...determined by two factors. The first is the contextual rationality emphasizing the moral and the **symbolic**, rather than the utility-maximizing and technical aspects of organizational **action** (Reed 1992). The second is governance structure which is linked to its legitimate relations and...has more bearing upon modes of individual conduct and interpersonal relations. We argue that cultural **characteristics** facilitate managers in gaining access to other social agents, as exhibited in our cases where managers negotiated with planning authorities or boards of directors, **instead** of determining rationality which is constituted by the nature of the decision-making and governance...

34/3,K/2 (Item 2 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00201210 SUPPLIER NUMBER: 17179002 (USE FORMAT 7 FOR FULL TEXT)  
**Scheduling for the shop floor. (PREACTOR 200, 300, 400, 500)(Software,**

**Computers, Etc.)**

Vasilash, Gary S.

Production, v107, n6, p46(2)

June, 1995

ISSN: 0032-9819

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 963

LINE COUNT: 00077

... the system is like an electronic version of the planning board, with the cardboard pieces **replaced** by **icons** that are dragged and dropped on the **screen**. But it can do a whole lot more than can be done by the manual...

...of Gantt charts, work-to lists, and various reports. "With this," says Hackwell, "people can **move** away from rescheduling on a fixed basis. They can do on-demand rescheduling." This is because the processing **time** is so quick--a matter of mere moments--rather than the overnight number-crunching that had been **characteristic**, he says, of previous-generation scheduling systems.

Hammond emphasizes, "People are still in control when..."

**34/3,K/3 (Item 3 from file: 75)**

DIALOG(R)File 75:TGG Management Contents(R)

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00187808 SUPPLIER NUMBER: 18207554 (USE FORMAT 7 FOR FULL TEXT)

**The computer: an integral part of sales. (Cover Story)**

Morrall, Katherine

Bank Marketing, v27, n11, p42(5)

Nov, 1995

DOCUMENT TYPE: Cover Story

ISSN: 0888-3149

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3106

LINE COUNT: 00248

... the program language the bank will use to design and write its product screens.

A **graphical** user interface (GUI) will bring product visualizations and graphs to computer **screens** in PC workstations. Users can **move** through the system using a series of prompts, **instead** of having to memorize commands. Some **screens** will include bank and product **logos**, while others will include key product or account information **displayed** in an easy-to-read format. "Our old system was **text**-based and not easy to use," says Fontaine.

Instead of presenting all information available, the...

**34/3,K/4 (Item 4 from file: 75)**

DIALOG(R)File 75:TGG Management Contents(R)

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00165506 SUPPLIER NUMBER: 14793851 (USE FORMAT 7 FOR FULL TEXT)

**Computer-facilitated qualitative data analysis: potential contributions to management research. (includes appendix)**

Wolfe, Richard A.; Gephart, Robert P.; Johnson, Thomas E.

Journal of Management, v19, n3, p637(24)

Fall, 1993

ISSN: 0149-2063

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 9002

LINE COUNT: 00764

... of interest in electronic format.

Preparing computer files for analysis can also be cumbersome and **time** consuming as some programs require that files be formatted to fit very specific program structures. For example, TEXTPACK, a content analysis program, does not work directly with an original **text** file. **Instead**, it works with a preanalysis file which must be prepared by the researcher with TEXTPACK subprocedures. In addition to the original **text**, a pre-analysis file contains information concerning where new paragraphs begin, how most **symbols** (e.g., hyphens, parentheses, dollar signs) should be treated, and

the position of all **words** in the **text** (Bradley, 1989). Having such information in the pre-analysis file contributes substantially to CQDA program speed and efficiency and any number of complex **text** retrieval analyses can be **run** without further **text** preparation. It is important to note that some CQDA programs require minimum preparatory **time**. CATA, for example, needs no pre-analysis preparation; it works directly on ASCII files (Wolfe, 1991). **Running** CATA can be completed before a researcher prepares a TEXTPACK pre-analysis file. The functions...

**34/3,K/5 (Item 5 from file: 75)**  
DIALOG(R)File 75:TGG Management Contents(R)  
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00146709 SUPPLIER NUMBER: 11882606 (USE FORMAT 7 FOR FULL TEXT)  
**The construction of leadership images in the popular press: the case of Donald Burr and People Express. (People Express Airlines Inc.; includes appendices)**  
Chen, Chao C.; Meindl, James R.  
Administrative Science Quarterly, v36, n4, p521(31)  
Dec, 1991  
ISSN: 0001-8392 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 12897 LINE COUNT: 01316

... In the effort to meet the demands of consuming publics, the reporting of hard, factual **news** is enhanced via soft constructions of various organizational processes and attributes, including **images** of organizational leaders. The production of these **images** is committing and thus exposes press organizations to risks that could damage their credibility. Such...

...the implication of innovation and, hence, more desirability for consumers, revisions to journalistic products seem, **instead**, to more easily carry the connotation of unreliability. This point is poignantly illustrated in a recent ad campaign by Forbes magazine, which was **run** during the few months prior to the failed coup attempt in the Soviet Union. The...

...t." To underscore the point, the ad cited four Forbes journalists at four points of **time** over eight months to illustrate the consistent position they all held on Gorbachev. What was highlighted was consistency across **time** as well as across individual reporters.

Our analysis also has the potential to offer some...

**34/3,K/6 (Item 6 from file: 75)**  
DIALOG(R)File 75:TGG Management Contents(R)  
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00143329 SUPPLIER NUMBER: 10493774  
**Microsoft Windows 3.0. (Software Review) (evaluation)**  
Wexler, Annette  
D & B Reports, v39, n2, p56(2)  
March-April, 1991  
DOCUMENT TYPE: evaluation ISSN: 0746-6110 LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT: Microsoft Corp's Windows 3.0 **graphical** user interface software employs **graphics** **instead** of complex and archaic keyboard commands to perform software tasks in the same way as...

...but runs on IBM PCs and compatibles. Windows makes starting up and working with software, **running** more than one application at a **time**, and transferring information between programs much easier. Computer operators using Windows 3.0 work faster, more efficiently, and accurately than users of **character**-based software. Users can switch from one program to another without waiting to quit one application then start another. However, PCs that are **running** on Windows are no match for Macintosh machines. Windows

restricts file naming, and is relatively slow. The minimum configuration required to **run** Windows is an Intel 80286-based PC or compatible with 640 kilobytes of system memory...

**34/3,K/7 (Item 7 from file: 75)**  
DIALOG(R)File 75:TGG Management Contents(R)  
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00136389 SUPPLIER NUMBER: 08059214 (USE FORMAT 7 FOR FULL TEXT)  
**Goodbye classrooms (redux). (an analysis of the future of corporate training)**

Geber, Beverly

Training: the Magazine of Human Resources Development, v27, n1, p27(8)  
Jan, 1990

LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5482 LINE COUNT: 00438

... is nearly so. Satellite technology allows groups all over the world to interact in real **time** via two-way audio and video with crisp sound and sharp visuals. More significantly, multimedia is becoming common-placed. **Instead** of reading **screen** after **screen** of **text**, learners can now manipulate **text**, audio and **animated graphics** to see and hear what they're trying to learn. CD-ROM technology allows them to tap into huge relational data bases and to **move** freely in directions that occur to them. That raises the possibility that learning may become...

**34/3,K/8 (Item 8 from file: 75)**  
DIALOG(R)File 75:TGG Management Contents(R)  
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00130647 SUPPLIER NUMBER: 07997624 (USE FORMAT 7 FOR FULL TEXT)  
**Organizational, institutional, and societal evolution: medieval craft guilds and the genesis of formal organizations.**

Kieser, Alfred

Administrative Science Quarterly, v34, n4, p540(25)  
Dec, 1989

ISSN: 0001-8392 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 11670 LINE COUNT: 00973

... evolution of societies predominantly as a process in which less complex structures of differentiation are **substituted** or supplemented by more complex and more adaptable ones. Smelser (1968) spelled out the conditions...

...were heavily isolated from each other by the existence of different norms, ways of talking, **symbols**, and rituals. Social mobility, through marriage or by achieving better qualifications, was nearly impossible. The ...

...was compatible with other societal institutions and with the belief system and, at the same **time**, provided a solution to population growth. Such an evolutionary process does not require power holders...

...variations. Less effective variations were also tried out but did not prevail in the long **run**. As society evolved further, so did an institution that allowed the individuals' activities to be...processes. The transition from "social monopolies" such as the guilds to formal work organizations was **characterized** by evolutionary processes that led to (1) an increase in functional specialization of institutions, (2...

...controlled by divergent selection factors. Such systems, like those whose selection factors fluctuate over longer **time** intervals (Freeman and Hannan, 1983), are subject to a normalizing or stabilizing selection process that...

...of evolution for these institutions. The evolution from the guild to



manufactories and factories was **characterized** by a demonopolization of the social monopolies: the factors of production became marketable as well ...

...longer necessary to obtain agreement on all rules from all those likely to be affected. **Instead**, it was only necessary to ensure that an acceptable balance was achieved between the attractiveness...The explanation provided here is based on the assumption that the evolution of society is **characterized** by a certain direction or progress: those belief systems, institutions, and **action** systems of individuals that enhance society's ability to adapt have an evolutionary advantage. In this way the magical belief system was **replaced** by a religious one, which then gave way to widespread application of worldly--disenchanted--theories...

...was, simultaneously, supported by them. Kinship as the basic structural principle of society was largely **replaced** by social orders and finally by functionally specialized formal organizations. Markets developed and were extended...

...pressures: they inevitably led to an increased number of even stricter rules. At the same **time**, the guilds had to make sure that their members accepted the extremely restrictive rules, that...

...belief system ensured, by and large, that this was achieved. The intensive use of rituals, **symbols**, and myths also ensured that these rules escaped criticism and that alternative modes of behavior...

...contain profound truths that remain beyond doubt (Berger and Luckmann, 1971; Rappaport, 1971; Bloch, 1974). **Symbols**, myths, and rituals also created a moral attachment binding members to the guilds, whereas utilitarian...

...individual motives were decoupled from organizational goals --took place in the fifteenth century. Until this **time** the journeyman's attachment to a workshop was not based on a formal work contract...

...guild in several industries was initiated by changes in the belief system. The mercantile philosophy **replaced** the religiously based philosophy of the guilds, **characterized** by its principle of securing just nourishment. It was not technological or structural innovations that ... The principle of employing a larger number of workers and dividing their work--the basic **characteristic** of the manufacture--was already realized in the early monasteries and was revitalized in the...

...and make them a reality: to produce variations. Although some of their inventions were still **characterized** by a pre-rational thinking--attempts to extract gold from lead were among their repertoires...

34/3,K/9 (Item 9 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00130104 SUPPLIER NUMBER: 07217376 (USE FORMAT 7 FOR FULL TEXT)  
**Beyond garbage cans: an AI model of organizational choice. (artificial intelligence)**  
Masuch, Michael; LaPotin, Perry  
Administrative Science Quarterly, v34, n1, p38(30)  
March, 1989  
ISSN: 0001-8392 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 13389 LINE COUNT: 01123

... fairly general conceptualization of decision making beyond structure. Yet further research may profit from temporarily **replacing** the metaphor with the more mundane one of imperfect markets. This would provide access to...but theory production is still done by hand, as it were. For the lack of **time** and patience, the full potential of any theory--the set of hypotheses the theory might...

...factorial design is superior for systematically exploring an experiment's parameter space, the additional computation **time** did not warrant the implementation. A full factorial design would have required an astronomical number...

...with three values per parameter, 30 runs per simulation, and approximately 3 minutes elapsed per **run**. REFERENCES Anderson, Paul A., and Gregory W. Fischer 1986 "A Monte Carlo model of a...

...Intelligence. Los Altos, CA: Morgan and Kaufmann. Gioia, Dennis A., and Peter P. Poole 1984 "**Scripts** in organizational behavior." Academy of Management Review, 9: 449-459. Glick, William H. 1985 "Conceptualizing... Simon 1958 Organizations New York: Wiley. Masuch, Michael, Perry J. LaPotin, and Rik Verhorst 1987 "**Action** and interaction; Results from a two-block designed an AI-based model of organizational **action** ." Working Paper 3-87, Management Center, University of Amsterdam. McGee, Gail W., and Robert Ford...

...1972 Human Problem Solving. Englewood Cliffs, NJ: Prentice-Hall. 1976 "Computer science as empirical inquiry: **Symbol** and search." Communications of the AMC, 19 (3). Nilsson, Nils J. 1981 Problem Solving Methods...

34/3,K/10 (Item 10 from file: 75)  
DIALOG(R) File 75:TGG Management Contents(R)  
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00130102 SUPPLIER NUMBER: 07217290 (USE FORMAT 7 FOR FULL TEXT)  
**The movement of conflict in organizations: the joint dynamics of splitting and triangulation.**  
Smith, Kenwyn K.  
Administrative Science Quarterly, v34, n1, p1(20)  
March, 1989  
ISSN: 0001-8392 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 10070 LINE COUNT: 00799

... had occurred.

DISCUSSION AND CONCLUSION The Ashgrove case illustrates three dominant patterns of how conflicts **move** in organizations. Each pattern is **characterized** by a dynamic that can be described in terms of the joint operation of splitting...

...If these are not resolved within the unit, and one faction, in an attempt to **move** the unit, brings in a third party from either above or below in the hierarchy...

...necessary to the organization come under threat. If these conflicts are dealt with by triangulation, **instead** of revising, restoring, or recreating interdependencies that are mutually acceptable, then the vertical tensions get...encased in horizontal conflicts with the parties with whom they interact. Since conflict tends to **move** around in organizations in ways that are not readily noticeable, it is easy to overlook...

...temporary, and the conflicts get driven underground, to incubate and surface again at some other **time**, in some other form. In addition, the very attention invested in dealing with conflict at...

...conflicts their strategies will create and to consider this as part of the planning process **instead** of ignoring it and discovering too late that implementation was not possible. Alderf, Clayton P...

...York: Wiley. Bateson, Gregory 1936 Naven: A Survey of the Problems Suggested by a Composite **Picture** of the Culture of a New Guinea Tribe Drawn from Three Points of View, Cambridge...got to accentuate the positive." Personnel, 64: 47-50. Thompson, James D. 1967 Organizations in **Action**. New York: McGraw-Hill. Wall, Victor D., and Linda L. Nolan 1986

"Perceptions of inequity...

34/3,K/11 (Item 11 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00129829 SUPPLIER NUMBER: 07697040 (USE FORMAT 7 FOR FULL TEXT)  
**Exploring fit and misfit with multiple contingencies.**  
Gresov, Christopher  
Administrative Science Quarterly, v34, n3, p431(23)  
Sept, 1989  
ISSN: 0001-8392 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 11252 LINE COUNT: 00945

... results might be artifactual. The dependence and communication scales presented in Appendix B, for example, **display** some conceptual overlap. Similarly, respondents' perceptions of task variability and difficulty may reflect the outcomes...low task uncertainty, high horizontal dependence). The open-systems principle of equifinality has for some **time** been an issue of interest to organizational researchers (Katz and Kahn, 1966; Galbraith, 1977; Tushman...

...in an employment-security-agency context, on bottom-level units, and at one point in **time**. Future efforts should be directed at replication and extension to other organizational contexts. In a...resolution by redesign and resolution without redesign explanations. Observing the interplay of design, political, and **symbolic** processes, and whether these processes occur in response to contingency conflicts, will undoubtedly be a...

...Omitted] (\*)The author wishes to acknowledge Andy Van de Ven for his contribution to this **stream** of research and his permission to use the data, and Bob Drazin, Nancy Fisher, Mike...

...deviation. To test the superiority of the empirical specification technique, the fit analyses were also **run** with ideal profiles constructed from endpoints **instead** of empirically specified profiles. In every case, the former technique produced no significant correlations and...

...those obtained using the two-profile (Type 1 and Type 4) procedure reported in the **text**.

APPENDIX A: Definitions of Constructs and Variables Unless otherwise noted, the definitions in this study...

38/3,K/1 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00137185 19991111315B1036 (USE FORMAT 7 FOR FULLTEXT)  
**eCommercial.com Inc. and Eurpsville USA to Launch Internet Learning Series  
for Children**  
Business Wire  
Thursday, November 11, 1999 07:14 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 709

...are asynchronous and highly-compressed e-mail  
attachments that feature interactive video, audio, still images, **text  
tickers , graphics** , animation and live Web hyperlinks. eCommercial.com  
produces, delivers and monitors the Web-like thin browser clients  
through traditional e-mail. eCommercials require no special "plug-in"  
players; **instead** , recipients simply double-click the attachment to  
begin the personalized experience.

About Eurpsville USA, Inc...

File 9:Business & Industry(R) Jul/1994-2002/Jan 29  
     (c) 2002 Resp. DB Svcs.  
 File 15:ABI/Inform(R) 1971-2002/Jan 29  
     (c) 2002 ProQuest Info&Learning  
 File 484:Periodical Abs Plustext 1986-2002/Jan W3  
     (c) 2002 ProQuest  
 File 553:Wilson Bus. Abs. FullText 1982-2001/Nov  
     (c) 2001 The HW Wilson Co  
 File 624:McGraw-Hill Publications 1985-2002/Jan 30  
     (c) 2002 McGraw-Hill Co. Inc  
 File 88:Gale Group Business A.R.T.S. 1976-2002/Jan 30  
     (c) 2002 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2002/Jan 30  
     (c) 2002 The Gale Group  
 File 570:Gale Group MARS(R) 1984-2002/Jan 30  
     (c) 2002 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2002/Jan 30  
     (c) 2002 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2002/Jan 30  
     (c) 2002 The Gale Group

Set	Items	Description
S1	761878	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	1251152	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	1390164	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	861307	SIGNS OR SIGNAGE OR SIGN
S5	11906	MARQUEE??
S6	3491526	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S7	1830096	CHARACTER? OR CHARACTER() STRING?? OR COMPUTER() CODE?? OR C- ODE??
S8	2114310	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRT? OR OVER() WRI- T?
S9	1983664	DISPLAY?? OR SCREEN? OR MONITOR?
S10	5293980	SCOREBOARD? OR MESSAGE() CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S11	526	(SCORE OR READER) () BOARD??
S12	955456	LED OR LIGHT() EMIT? () DIODE?
S13	71354	LCD OR LCDS OR LIQUID() CRYSTAL() DISPLAY??
S14	2564993	ELECTRONIC? OR ELECTRIC
S15	4864692	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S16	48	ACTIONGRAPH? OR MOTIONGRAPH? OR MOBILELED OR MOBILE() LED
S17	85547	TICKER?? OR STOCKTICKER? OR STOCK() TICKER? OR AUTOSCROLL? - OR NEWSCRAWL OR TEXTSCROLL?
S18	31051	S8(S) (S6 OR S7) (S) S1:S3
S19	150	S18(S) (S4 OR S5) (S) (S12 OR S13 OR S14)
S20	40	S19 NOT PY=>1996
S21	36	RD S20 (unique items)
S22	56	S18(S) S17
S23	56	S22 NOT S19
S24	8	S23 NOT PY=>1996
S25	6	RD S24 (unique items)
S26	10456	S18(S) (S9 OR S10 OR S11)
S27	3135	S26(S) S15
S28	490	S18(5N) (S9 OR S10 OR S11) (5N) S15
S29	11	S28(3N) (CORPORATE OR CORPORATION OR BUSINESS OR COMPANY OR COMPANIES)
S30	11	S29 NOT (S21 OR S23)
S31	2	S30 NOT PY=>1996
S32	2	RD S31 (unique items)
S33	4601	S17(3N) (S6 OR S7)
S34	0	S33(3N) S8(3N) S1
S35	7	S33(S) S8(S) S1
S36	0	S35 NOT (S29 OR S21 OR S23)
S37	17	S16 NOT PY=>1996
S38	16	RD S37 (unique items)

21/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01205026 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**BEASTS FROM THE EAST**

(In the personal computer market, Packard Bell enjoys a 43% share of the home market, which is 24% more than its closest rival, IBM)

Marketing Computers, v XV, n 6, p 30+

June 1995

DOCUMENT TYPE: Journal ISSN: 8750-1848 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2781

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...ill-suited as a user interface for home entertainment. Windows is simply too rooted in **text**, a problem when one factors in the American literacy rate: 20 percent of Americans are functionally illiterate (meaning the can read **signs**, but not much else), and 2 out of 5 high-school graduates cannot read at...

...graduate at all). When one talks of home entertainment, this sorry fact cannot be ignored. **Instead**, it becomes a business opportunity to exploit -- one which Microsoft shows no **signs** of paying attention to. On the other hand, consumer **electronics** devices, VCRs excepted, require no reading skills to operate, and a lot of work goes into designing clever **icons** like stop and play buttons. Many entertainment-oriented CD-ROMs don't require advanced reading skills either -- they often rely on sounds, **icons** and **image** to move through the story. When the PC meets MTV, literacy becomes a factor.

Steve...

21/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01004562 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Review of - Reader Rabbit 3 For PCs 01/28/94**

(Latest addition to Reader Rabbit series teaches sentence structure for 1st through 3rd graders using a newspaper motif.)

Newsbytes News Network, p N/A

January 28, 1994

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 923

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...don't tell you to press "Enter," although that is a possible option.

The good **news** is Reader Rabbit 3 doesn't need Windows, and will run under DesqView. You can...

...s tinny speaker -- it works fine without a "Sound Blaster." It's also got fine **graphics**, including animated **pictures** that **led** Robin from a main screen, through the story of the game -- RR has a job at a newspaper -- through a " **sign** -up." This " **sign** -up" procedure **replaces** the set-up screen. If you have more than one child, or you're using...

21/3,K/3 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00284344 85-24778

**Familiar Signatures Announce Brand Name Merchandise**

Anonymous

Chain Store Age Executive v6ln7 PP: 45, 48 Jul 1985

ISSN: 0193-1199 JRNL CODE: CSA

ABSTRACT: Highlighting the merchandise with a limited use of **signage** is a prime objective of the store's planner. Product identification has become more important...

...names carried must be identified as well as the department in which they are offered. **Instead** of hanging **signs**, some stores are using styrofoam **letters** at eye level to identify departments, while others are using the merchandise itself as a means of identification. Although fewer **signs** are used, quality has been emphasized, and overall costs remain the same. Most stores are taking a conservative approach to **graphics**, except in the junior or young men's departments. Design firms are experimenting with the use of photography, murals, programmable **electronic signage**, billboards, and fiber optic **signs**. According to Tucci, Segrete and Rosen Consultants, a New York-based design firm, the purposes of retail **graphics** are to: 1. introduce a store concept, 2. provide directions, and 3. inform customers about...

21/3,K/4 (Item 1 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2002 ProQuest. All rts. reserv.

02280496 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Terms of endearment**

Lapham, Lewis H

Harper's (GHAR), v289 n1732, p7-9, p.3

Sep 1994

ISSN: 0017-789X JOURNAL CODE: GHAR

DOCUMENT TYPE: Commentary

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2432 LENGTH: Long (31+ col inches)

**TEXT:**

... thing that was done or said.

Anticipating the rejuvenation of the cults of personality--the **images** of Michael Jordan and Madonna **replacing** those of Apollo and Aphrodite, Nancy Reagan arranging the affairs of state to coincide with her husband's astrological **signs**--McLuhan's argument infers the transposition of **news** into entertainment, history into legend and fable. He begins with the proposition that "we become...

...which taught people to rearrange their perceptions of the world in ways convenient to the **electronic** media.

Once having stated his proposition, McLuhan ascribes to the visual order of print the...

21/3,K/5 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2002 McGraw-Hill Co. Inc. All rts. reserv.

0590318

**OKLAHOMA GAS & ELECTRIC TO BECOME OG+E ELECTRIC SERVICES; REDDY GONE**

Electric Utility Week July 18, 1994; Pg 4

Journal Code: EUW ISSN: 0046-1695

Word Count: 282 \*Full text available in Formats 5, 7 and 9\*

**TEXT:**

...retail natural gas supplier as well as an electric utility. It is not.

The new **logo** **replaces** the ampersand between the G and the E with a

stylized plus- **sign** to give a more modern look, while the **words** **electric** services" were selected to emphasize that the company is "much more than just an electricity...

21/3,K/6 (Item 1 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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04335909 SUPPLIER NUMBER: 17181520  
**Communists, Cowboys, and Queers: The Politics of Masculinity in the Work of Arthur Miller and Tennessee Williams. (Gay & Lesbian Queeries) (book reviews)**  
Dolan, Jill  
Theatre Journal, v47, n2, p313(4)  
May, 1995  
DOCUMENT TYPE: Review ISSN: 0192-2882 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 2533 LINE COUNT: 00213

... contradictions that articulate the playwright known as Arthur Miller" (74).

Rather than looking for positive **images** in the presumptively classical narrative structures in Williams's work, Savran proposes that "throughout his...

...1940s and 1950s, homosexuality appears -- ever obliquely -- as a distinctive and elusive style, in every **word** and no **word**, as a play of **signs** and **images**, of **text** and subtext, of metaphorical elaboration and **substitution**, of disclosure and concealment -- in short, as textuality itself" (83). Clum argues about Williams that "awareness of the potential for rejection from one's 'audience,' **led** to a series of performances of the closet.... Williams was compelled to write about homosexuality...

...t locate homosexuality in such humanist biography, nor does he attempt to read Williams's **characters** through a "gay lens."

Instead, Savran sees homosexuality in the exchange between reader and spectator...

21/3,K/7 (Item 2 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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04335908 SUPPLIER NUMBER: 17181518  
**Queer Looks: Perspectives on Lesbian and Gay Film and Video. (Gay & Lesbian Queeries) (book reviews)**  
Dolan, Jill  
Theatre Journal, v47, n2, p313(4)  
May, 1995  
DOCUMENT TYPE: Review ISSN: 0192-2882 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 2533 LINE COUNT: 00213

... contradictions that articulate the playwright known as Arthur Miller" (74).

Rather than looking for positive **images** in the presumptively classical narrative structures in Williams's work, Savran proposes that "throughout his...

...1940s and 1950s, homosexuality appears -- ever obliquely -- as a distinctive and elusive style, in every **word** and no **word**, as a play of **signs** and **images**, of **text** and subtext, of metaphorical elaboration and **substitution**, of disclosure and concealment -- in short, as textuality itself" (83). Clum argues about Williams that "awareness of the potential for rejection from one's 'audience,' **led** to a series of performances of the closet.... Williams was compelled to write about homosexuality...



...t locate homosexuality in such humanist biography, nor does he attempt to read Williams's **characters** through a "gay lens."

Instead, Savran sees homosexuality in the exchange between reader and spectator...

21/3,K/8 (Item 3 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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04335907 SUPPLIER NUMBER: 17181516  
**Acting Gay: Male Homosexuality in Modern Drama. (Gay & Lesbian Queeries)**  
(book reviews)  
Dolan, Jill  
Theatre Journal, v47, n2, p313(4)  
May, 1995  
DOCUMENT TYPE: Review ISSN: 0192-2882 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 2533 LINE COUNT: 00213

... contradictions that articulate the playwright known as Arthur Miller" (74).

Rather than looking for positive **images** in the presumptively classical narrative structures in Williams's work, Savran proposes that "throughout his...

...1940s and 1950s, homosexuality appears -- ever obliquely -- as a distinctive and elusive style, in every **word** and no **word**, as a play of **signs** and **images**, of **text** and subtext, of metaphorical elaboration and **substitution**, of disclosure and concealment -- in short, as textuality itself" (83). Clum argues about Williams that "awareness of the potential for rejection from one's 'audience,' **led** to a series of performances of the closet.... Williams was compelled to write about homosexuality...

...t locate homosexuality in such humanist biography, nor does he attempt to read Williams's **characters** through a "gay lens."

Instead, Savran sees homosexuality in the exchange between reader and spectator...

21/3,K/9 (Item 4 from file: 88)  
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04156165 SUPPLIER NUMBER: 18253739  
**Violence, social differentiation and the self.**  
Robinson, Gary  
Oceania, v65, n4, p323(24)  
June, 1995  
ISSN: 0029-8077 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 17955 LINE COUNT: 01440

... forensic determinations of psychiatric illness to establish individual competence or the basis of defence are **characteristically** narrow, admitting sometimes clinically doubtful individual 'syndromes' or 'disorders' to take social and life-historical...exercise of capital punishment without redress. Warner (1969 (1937)), on the other hand, produces an **image** of social control in Arnhem Land in which fighting and conflict are open-ended spirals...

...and Langton (1994 (1988)). Sansom's fringe society is a product of ephemeral 'determinations', of **words**, events, interactions, witnessed happenings: a 'jurisdiction of the **word**' (Sansom, 1980: ch.2). However, his ethnomethodological approach does not offer adequate theoretical clarification of...

...in private. Schieffelin (1985: 173, 176) describes Kaluli postures of assertion and appeal; the former **characterized** by a rhetoric of violence and aggression, the second by emotions of grief, guilt and...occurred, that

it has been publicly punished and may not in future count as a **sign** that the husband's rights and the wife's acceptance of them are in any...

...the child and its mother's body, with identification, separation, and claim all signified by **symbolic** attack. For this and the following points see also Robinson, (1990). (18.) A variant of...group, nor he restrained by members of his. On the other hand, in another marriage **characterized** by almost constant violence, although a powerful influence in family life, the violence did not...informal restraining order was imposed by police. (35.) Such suicide threats by hanging or climbing **electric** power lines also arise during conflict with a female partner or lover. A senior figure adoptive **substitution**. These effects may be reproduced over time, even over successive generations. A fuller analysis of...

...him; another attempts to hang himself because his girlfriend hides his beer, another grasps an **electric** wire after being unfairly attacked in a fight. Of course, these incidents must be understood...

...displaced into demands and confrontations within the social-familial network. One young man climbed an **electric** pole (without carrying the threat through) in honour of his brother's newborn son, 'for...

21/3,K/10 (Item 5 from file: 88)  
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04152689 SUPPLIER NUMBER: 17837612  
**Psychohistory and the crisis of the social sciences.**  
Weinstein, Fred  
History and Theory, v34, n4, p299(21)  
Dec, 1995  
ISSN: 0018-2656 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 12585 LINE COUNT: 01033

... Behavioral Sciences 17 (1981), 251-269; and "Erikson on Hitler: The Origins of 'Hitler's **Imagery** and German Youth,'" Psychohistory Review 22 (1993), 63-86. See also Fred Weinstein and Jane...practitioners. (14.) By contrast, earlier psychosocial concepts of internalization and internalized morality incorrectly fostered an **image** of people as passive receivers of heteronomous versions of the world. (15.) The factors of...

...out some time ago, "There is a good deal of talk about emotions 'finding a **symbolic** outlet' or 'becoming attached to appropriate **symbols**' -- but very little idea of how the trick is really done." "Ideology as a Cultural ...

...Historiographical Implications of Environmental Psychology," Comparative Urban Research 1 (1977), 20-32. (21.) Sigmund Freud, **Letters** of Sigmund Freud, ed. Ernst L. Freud, transl. Tania and James Stern (New York, 1960...

...Weinstein, History and Theory after the Fall (Chicago, 1990),25. (24.) Sigmund Freud, The Complete **Letters** of Sigmund Freud to Wilhelm Fliess, ed. and transl. Jeffrey Moussaieff Masson (Cambridge, Mass., 1985...

...anxiety, Freud explained that no single event is the originator and no single form is **characteristic** of the experience. There are various forms developmentally of "phase appropriate, experiences of threat (loss... generalize and to categorize when confronted with the new and unexpected." (29.) See Peter Blos, " **Character** Formation in Adolescence," Psychoanalytic Study of the Child 23 (1968), 246-247. In 1968, Blos explained that there are at least four different psychoanalytic theories of **character** formation: **character** traits traced to a specific level of drive development or fixation; **character** traits which result from the choice of defense mechanisms; **character** traits which are "the precipitates of abandoned object cathexes"; and **character** traits which emerge from psychosocial development as described by Erikson. However, these comments of Modell's suggest strongly that there are at least two

other sources for **character** formation, the first resulting from the interventions of charismatic leaders in disruptive situations, the second ...in terms of "the memory of deprivation, loss, or vulnerability and a subsequent longing for **substitution**, closely allied with moodiness and depressive leaning." Hope Edelman, *Motherless Daughters: The Legacy of Loss* ...R. Damasio, *Descartes' Error: Emotion, Reason, and the Human Brain* (New York, 1994). As a **sign** of how problematic contemporary social theory has become, Elster at one point (103-104) cites...

...academic social sciences, as faculties have retreated from discussions of social issues, choosing to focus **instead** on discussions of methodology. These critics are much less likely to point out the extent to which the imaginative failures of neoconservative sociologists like Lipset and Nathan Glazer **led** to this unfortunate result. Lipset's *Political Man* is the classic example of imaginative failure...

21/3,K/11 (Item 6 from file: 88)  
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04147516 SUPPLIER NUMBER: 17520496  
**The Norman Conquest through European Eyes.**  
van Houts, Elisabeth  
The English Historical Review, v110, n438, p832(22)  
Sep, 1995  
ISSN: 0013-8266 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 13059 LINE COUNT: 01041

... reform of the English church. The concerted efforts of Duke William and the pope had **led** to the recruitment of an army strong enough to overthrow King Harold, and to widespread...most critics, on the Continent they could not, and protests were written down. When the **news** of the Norman Conquest spread far and wide, the presence of the Normans in England ...

...the Continent became more positive and displayed retrospective justification of the Conquest. But they never **replaced** the mixed a contemporary judgments which serve as important reminders that abroad, and even at...

...Anglo-Saxon Chronicle, 'CD', s.a. 1066; 'Then all over England there was seen a **sign** in the skies such as had never been seen before. Some said it was the...

...the week.' Cf. S. Keynes, 'The Comet in the Eadwine Psalter', in *The Eadwine Psalter. Text, Image and Monastic Culture in Twelfth-Century Canterbury*, ed. M. Gibson et al. (London, 1992) pp...vix bissemi iuvenes ceice levarent.' Dr Neil Wright has pointed out to me that the **words** 'quod ... levarent' constitute an hexameter inspired by Virgil's Aen. xii. 899: 'vix illud lecti...

...emperor' by anticipation. (2.) *Annales Hildesheimenses*, s.a. 1035, 1036, 1038, 1044 (*Monumenta Germaniae Historica*, **Scriptores** (hereafter MGH, SS), iii. 100, 102, 104); *Inventio et miracula sancti Vulfranni*, ed. J. Laporte...

21/3,K/12 (Item 7 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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04117640 SUPPLIER NUMBER: 16979247  
**The calligrapher Chung Yu (ca. 163-230) and the demographics of a myth.**  
Goodman, Howard L.  
The Journal of the American Oriental Society, v114, n4, p555(17)  
Oct-Dec, 1994  
ISSN: 0003-0279 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 13668 LINE COUNT: 01003

... SKC 29.808-9. (21) SKC 39.987. Ssu-ma Kuang has another person retort, **instead** of Tung; see Achilles Fang, trans., The Chronicle of the Three Kingdoms (220-265): Chapters...

...a hortatory inscription (see his biography and SKC 13.395, cit. "Wei lueh" for additional **text** ). Chung announced Ts'ao's P'i's temple name at the Southern Altar when...

...29) SKC 28.784, immediately after the quotation from Hui's "Mu-chuan." (30) The **word** "old" is used in Li-chi ("Ch'u-li A") (Shih-san ching chu-shu...

...a women's director as well as a men's. One should note that the **text** of Li-chi uses for what Legge translated as "wife to take her part in...

...the wagon wheels. Man and wife roll their eyes," to which the Ten Wings "Small **Image** Commentary" adds: "It is a **sign** that they cannot keep their house in order" ; tr. Wilhelm, I Ching, 433. Here the...reference to line 4) does not enable one to 'return (unobstructed)' (a reference to the **image** of the first line)." (32) There is a subfield of scholarship on San-kuo and...

...chi is mentioned fifteen times. Of these it occurs in Ch'en Shou's main **text** five times: e.g., a ruler's reference to the classic (SKC in memorials (SKC...

...li, and Confucius in order to elucidate a phrase in Ch'en Shou's main **text** concerning a court discussion. Other examples are covered more thoroughly in my forthcoming work on...

...40) Of the total of seven "Nine" Ministers, nearly all had decidedly military careers: five **led** troops or were top-level campaign strategists, especially for Ts'ao Ts'ao. One was...

21/3,K/13 (Item 8 from file: 88)  
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03670234 SUPPLIER NUMBER: 17244987

**Return to Japan. (Japan since World War II) (Cover Story)**

Letwin, William

National Review, v47, n16, p23(7)

August 28, 1995

DOCUMENT TYPE: Cover Story ISSN: 0028-0038 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 6399 LINE COUNT: 00493

... paratroops were mopped up. A discomfoting omen, we felt. Suddenly in August the outlook brightened. **News** came that two ``very big'' bombs, each equivalent in explosive force to 20,000 tons...

...to Okinawa, and from there an advance party of about 1,000 flew into Tokyo. **Instead** of arriving in Japan as a prospective casualty, I came as a forerunner of the...

...now, with passengers. They saw us, knew what we were -- but never looked at us. **Instead** they looked straight ahead, faces expressionless, like soldiers standing at attention. They simply snubbed us...

...of emotion'' and to ``cultivate the ways of rectitude.'' Never once did he use the **word** ``surrender.'' But the orders were plain, and the Japanese obeyed. So the peacefulness that we...to our strictly military duty. We proceeded to the Imperial Hotel (the original one, later **replaced** by a much grander version). It was an architectural triumph, designed by Frank Lloyd Wright...

...foreign. The central streets are lined with skyscrapers, Western clothing is the norm, many advertising **signs** carry English translations, and Coca-Cola is always within reach. But of course there are...

...at home. At properly Japanese restaurants, the menu posted outside describes the set dishes in **words** and often illustrates them with photos; just to make quite sure, many restaurants display plastic...

...covered with bright red lacquer. This was my first real-life sight of the authentic **picturesque** Japan I had come to know during the 1930s via Lowell Thomas travelogues shown before...

...Sendai, we would often meet a curious sort of single-file procession. A plodding ox **led** the way, drawing a narrow cart, on which stood two tall narrow wooden casks, one...intervening fifty years the abacus has become virtually extinct. The Japanese people love all things **electronic**, and calculators and computers have taken over. But the world-class excellence of Japanese engineers...

...the men played high-stakes poker far into the night. Others, like me, talked, wrote **letters**, and read. When that palled, I would retire to the billiard room to amuse myself...Experiences during the war (when I occasionally helped interrogate prisoners) and during the Occupation had **led** me to believe that the Japanese were a grim people, always on guard, unwilling to...

...that the wariness we encountered was merely an overlay on traits fundamental in the Japanese **character**, traits that could be summarized as inscrutability plus generalized suspicion of strangers. As to inscrutability ...

...stiff elderly gentlemen who ate their way stolidly through a long meal without exchanging a **word**; then came a brief flurry of conversation, which turned out to concern nothing other than...

...landscape'' gardens. They consist exclusively of a bed of gravel raked into graceful geometrical shapes. **Instead** of taming Nature the gardener has expelled it. This, I thought, symbolized a deep Japanese...limiting economic growth. Another hitch is that affluence can diminish the appetite for additional income. **Instead** of pressing for yet more pay, workers very reasonably opt for more leisure -- shorter hours...

21/3,K/14 (Item 9 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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03656253 SUPPLIER NUMBER: 16920433  
**Good morning, Vietnam: on the long road to freedom and prosperity, Vietnam is taking the first halting steps.**  
McGurn, William  
National Review, v47, n9, p51(5)  
May 15, 1995  
ISSN: 0028-0038 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3215 LINE COUNT: 00237

TEXT:

...for the fallen at the end of the Memorial Day parades; the frenzy of TV **images** alternating between combat in Vietnam and protest at home. But nothing has seared itself in my memory as much as the **images** from those last, sad days around this compound. At its peak (in April 1969) the ...

...and though the GIs and jeeps are gone from the city streets they have been **replaced** by a new army of Taiwanese businessmen in Toyota Crowns. And of course there is...order. When Thic Quang Duc immolated himself on a Saigon street in 1963, it was **news** around the world and helped set the stage for the U.S.-backed assassination of...

...come to think of Vietnam ``as a country, not a war,'' but there are no **signs** that this will happen any time soon. Not, at least, as long as there's...

...wonder what Uncle Ho would make of CCB Tour (the initials stand for the Vietnamese **words** for ``war veterans'). The bookshelf in its modest offices includes an American guide to major herself, many years younger and much prettier, but the most treasured **picture** in her bag was of her old American boyfriend. This was Harry, I learned, a...

...2000. While foreign businessmen (especially those who have had experience with China) generally have good **words** for Vietnam's reforms, they are not without their difficulties. The legal **code** is as yet incomplete, as are rules governing who can actually sell land rights in...

...ours was. Today that has all changed. Opportunity International has superseded USAID; Federal Express has **replaced** Air America; and the Americans in Hanoi these days are businessmen trying to make a...

...With the understandable exceptions of architecture and cuisine, moreover, Vietnam's engagement with America has **led** it to a marked preference for American goods. When Vietnam Air was shopping around for...

**21/3,K/15 (Item 10 from file: 88)**

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03638657 SUPPLIER NUMBER: 17181522

**The Lesbian and Gay Studies Reader. (Gay & Lesbian Queeries) (book reviews)**

Dolan, Jill

Theatre Journal, v47, n2, p313(4)

May, 1995

DOCUMENT TYPE: review ISSN: 0192-2882 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 2515 LINE COUNT: 00209

... contradictions that articulate the playwright known as Arthur Miller" (74).

Rather than looking for positive **images** in the presumptively classical narrative structures in Williams's work, Savran proposes that "throughout his...

...1940s and 1950s, homosexuality appears - ever obliquely - as a distinctive and elusive style, in every **word** and no **word**, as a play of **signs** and **images**, of **text** and subtext, of metaphorical elaboration and **substitution**, of disclosure and concealment - in short, as textuality itself" (83). Clum argues about Williams that "awareness of the potential for rejection from one's 'audience,' **led** to a series of performances of the closet. . . . Williams was compelled to write about homosexuality...

...t locate homosexuality in such humanist biography, nor does he attempt to read Williams's **characters** through a "gay lens."

Instead, Savran sees homosexuality in the exchange between reader and spectator...

**21/3,K/16 (Item 11 from file: 88)**

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03623367 SUPPLIER NUMBER: 16839572

**Invasion of the church ladies: the GOP bid to close the gender gap. (new Republican Congresswomen) (Cover Story)**

Rosin, Hanna

The New Republic, v212, n17, p20(6)

April 24, 1995

DOCUMENT TYPE: Cover Story ISSN: 0028-6583 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5187 LINE COUNT: 00389

TEXT:

...henchmen are nowhere to be found at the packed Republican press conference on welfare reform. **Instead**, it is the GOP congresswomen, their ranks swollen by the last election, who are in...

...Those women have the power of someone with a womb. They understand all these abstract **words** like mother's instinct and nurture. I expect in the next debate they'll lead...

...angels," asks newly elected Linda Smith, jabbing the antenna of her cellular phone toward a **picture** of her grandkids. Her husband Vern, sitting rigidly in a corner on a hardwood chair, looks up and grins uneasily. "I'm going to show their **picture** when we debate the budget. I'm having it blown up right now. I'll...

...Smith has already managed to provoke her leaders. In her first month in office, she **led** the freshman rebellion against the balanced budget amendment, insisting on a provision requiring a three...

...office. The couple met with Clark County GOP Chairman Jim Carpentino, who suggested Linda run **instead**. That year, she checked out a book from the library about how to campaign and...000 flyers instructing voters how to write in a candidate and planted Day-Glo pink **signs** in their front lawns. "It was a miracle," Smith recalls. On primary day, her backers...

...the fatal mistake of bashing the Contract with America. Smith wisely ignored the attack and **instead** staged a folksy ad, starring The People: "We put out a call, and thousands came..."

21/3,K/17 (Item 12 from file: 88)  
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03521308 SUPPLIER NUMBER: 16772632  
**Congressional re-election through symbolic politics: the enhanced banking crime penalties.**  
FitzPatrick, Brian T.  
American Criminal Law Review, 32, n1, 1-47  
Fall, 1994  
ISSN: 0164-0364 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 29182 LINE COUNT: 02369

... supra note 151, at 68 ("Congress and the Federal Communications Commission ... engaged in ... high visibility **symbolic** attacks upon "Dial-a-Porn" [referring to 1988 legislation!.... At the same time, pornography in...

...issues and . . . remoteness from the governmental process . . . enables politicians to manipulate them with potent emotional **symbols** . . . often . . . only weakly related to . . . substance.") (citing Edelman, supra note 153); see, e.g., Rotunda...

...165, at 5-6 (Antitrust laws, passed due to popular pressure, illustrate "the power of **symbols** to **substitute** for substance.... It did not matter that for the first [forty] years ... the laws had...Law, 65 Chi.-Kent L. Rev. 123, 146 (1989) ("We are left with a 'mixed' **picture** of the political process in which constituent interest, special interest groups and legislator ideology all...

...Forest L. Rev. 199 (1993) (Congress's support for mandatory sentences reflected a mix of **symbolic** politics and the belief that "uncertain and inadequate penalties [were] partly to blame" for persistent...

...182.) Garland, supra note 3, at 18; see also John F. Galliher & John Ray

Cross, **Symbolic** Severity in the Land of Easy Virtue: Nevada's High Marihuana Penalty, 29 Soc. Probs...

...law involves its actual enforcement effects."). (183.) See generally John P. Dwyer, The Pathology of **Symbolic** Legislation, 17 Ecology L.Q. 233, 316 (1990) ("**Symbolic** legislation is a political gesture. Although it serves both instrumental and **symbolic** purposes, the instrumental ends are beneath the surface."); cf. Thomas L. Friedman, Clinton **Signs** Bill on Guns into Law, N.Y. Times, Dec. 1, 1993, at A20 (There has...

...prior to handgun purchases. However, the checks have occasionally "halt[ed] sales to criminals . . . and . . . led to some arrests."). (184.) Helgi Gunnlaugsson & John F. Galliher, Prohibition of Beer in Iceland: An International Test of **Symbolic** Politics, 20 Law & Soc'y Rev. 335, 351 (1986); cf. id. at 348-51 (To...

...remains easily available from home-brewing and personal importation. The beer prohibition is not totally **symbolic** because it "probably does make the substance more difficult to secure."); Galliher & Cross, supra note...

...in prison. Few arrests occur. Research suggests that the high marihuana penalty serves "as a **symbol** to show that Nevadans are not totally without moral standards." The instrumental effect, in the state lawmakers' view, is that a "law-and-order **image** could protect their gambling industry from external controls."); Editorial, **Symbolic** Step, Nat'l L.J., Sept. 5, 1994, at A20 (The limited ban on semiautomatic...

...manages to save ,only, hundreds of lives."). (185.) See supra notes 124-31 and accompanying **text** ; see also Erika S. Fairchild & Vincent J. Webb, Introduction: Crime Justice and Politics in the...

...the fear of crime are being used by politicians as issues in which rhetorical and **symbolic** policy initiative can enhance . . . electability."); James P. Levine et al., Criminal Justice: A Public Policy ...

...note 153, at 8-9 (Congress often enacts laws because legislation "is a means of **symbolic** communication" with the public that "can promote re-election."). (186.) See supra notes 138-48 and accompanying **text** . (187.) For example, Rep. Kennedy declaimed:

Unscrupulous crooks in silk suits and fancy cars have...

21/3,K/18 (Item 13 from file: 88)  
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03520602 SUPPLIER NUMBER: 16647001  
Of graves, caves, and subterranean dwellings: 'Eoroscraef' and 'Eorosele' in the 'Wife's Lament.'  
Battles, Paul  
Philological Quarterly, v73, n3, p267(20)  
Summer, 1994  
ISSN: 0031-7977 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8662 LINE COUNT: 00667

... Press 1983), p. 69; Emily Jensen, "The 'Wife's Lament's Eoroscraef: Figural or Literal **Sign** ?" Neuphilologische Mitteilungen 91 (1990): 450. (4) While some critics have argued that the narrator is...

...10) Jensen states: "The interpretation ... depends entirely on whether one reads eoroscroef as a literal **sign** , a **word** or thing that calls up its linguistic or historical associations with **words** and things in other texts, poetic and non-poetic; or one reads eoroscraef as a metaphoric **sign** , a poetic **image** that calls up its own immediate metaphoric contexts and, perhaps, other similar metaphoric contexts" (p...should have need of it.") Throughout this essay, the Old Icelandic "o-hook" has been **replaced** by [angstrom] for reasons of typography. [40] Guoni Jonsson, ed., Hrolfs saga



kraka, Fornaldar sogur...

...Hio islenska fornritafelag, 1935), pp. 289-90. (43) George P. McNeill, ed., Sir Tristrem, Scottish Text Society 8 (Edinburgh and London: William Blackwood & Sons, 1886). ("They fled to a forest, Tristram...

...was all vaulted and the entrance hewn deep into the earth, and a secret passage led far into it; there was much earth on top of the house, and on top...

...Vol. 1 (Oxford U. Press, 1963); Caligula ms. readings cited here. ("There were many proud words . / Then the most senior men strode to an assembly: / They held a special husting, the...208, postscript to fn. 8. Fafnismal cited from Gustav Neckel, ed., Edda: die Lieder des Codex Regius nebst verwandten Denkmählern, 5th ed. rev. by Hans Kuhn (Heidelberg: Carl Winter, 1983), 44...

21/3,K/19 (Item 14 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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03520335 SUPPLIER NUMBER: 14995872  
**Personal names as narrative in Fiji: politics of the Lauan onomasticon.**  
Arno, Andrew  
Ethnology, v33, n1, p 21(14)  
Wntr, 1994  
ISSN: 0014-1828 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 7509 LINE COUNT: 00593

... either may be put under the rules of socially constructed language games.

The pragmatists, too, led by James and Peirce, tend to question the concept of meaning as something that exists on its own, and they view it instead as a social or psychological effect produced by the use of a word or name (James 1907; Peirce 1934:5.411-34). Peirce's discussion of the index as a particular type of sign that points something out by virtue of a cause-and-effect relationship with its object provides another way of distinguishing a personal name from other kinds of words, but Peirce (1931:2.274-302) insists that there are no pure indices, icons, or symbols; every sign is mixed and combines in some degree the characteristics of each type. It follows, perhaps, that there are no pure names and that names and words continually cross and recross in the process of usage, whatever boundaries one tries to draw...

21/3,K/20 (Item 15 from file: 88)  
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03510207 SUPPLIER NUMBER: 15896348  
**Man's dwelling place. (short story) (Latin America: Private Eyes & Time Travelers)**  
Gorodischer, Angelica; Manguel, Alberto  
The Literary Review, v38, n1, p84(4)  
Fall, 1994  
ISSN: 0024-4589 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2065 LINE COUNT: 00148

TEXT:

...he stopped being a nomad and a hunter; when he stopped in his tracks and instead of pitching a tent, built a house; when he harnessed his horse to a plough instead of holding it ready to ride away. It was a rippling field surrounded by the...

...knees, were calling me over to the bodies lying face upwards, to listen to the words of the citizens of the golden city I now longed for, had always longed for...

...she wanted to speak to one of the other creatures lying there, the series of **signs** , signals and sounds would have been different, and she would have had to wait in turn, before receiving an answer, for the chain of seemingly senseless **codes** that the unlimited space had prompted them to invent. With the young boy I was...

...margin of certainty on the possibility of my being, I myself, a favourable omen. The **signs** and messages reached him both from the outside world and from within himself; and for...

...the floating gauze, the fallen hands. Now I realize that I was looking for an **image** of Your Lordship: a leader, a wise old man, a commander of the people. But...

...deep in their own unchangeable belief, each waiting calmly for death, looked after by the **electronic** houses, nourished, dressed, fertilized, combed, perfumed, shod by cybernetic constructions guarded by their own cyclops...

21/3,K/21 (Item 16 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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03440382 SUPPLIER NUMBER: 15163182  
**Shade and statue: a comparative analysis of Fedor Sologub and Innokentii Annenskii.**  
Venclova, Tomas  
The Russian Review, v53, n1, p9(13)  
Jan, 1994  
ISSN: 0036-0341 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 6750 LINE COUNT: 00529

... One could call the above-cited passage "metatextual," for it describes one of the fundamental **characteristics** of Sologub's **text** as well as his whole mythopoetic system. It is the most consistently expressed principle of Symbolism: **characters** and events are translucent, either one can turn out to be a **sign** or a **substitute** for something else. In this way Laodameia is the earthly incarnation, or shade, of Persephone. However, **characteristics** of Psyche, heavenly Aphrodite and Eos shine through her person as well. The relationship between Laodameia and Protesilaus is equivalent to that between Persephone and Hades, who **led** her away to the realm of the dead. Moreover, Protesilaus, as one would expect, is...

...are vaguely seen through the overshadowing ivy--say, who is he? Is it not an **image** of Dionysus?"(26) The summoning of Protesilaus is the summoning of Dionysus-Zagreus. This play...

...continues outside the main plot of the tragedy. Both Prometheus and Phoebus are doubles, or **signs** , of the "suffering god." On another level, Aphrodite appears "repeating in face and clothes the..."

...he duplicates Laodameia, and his arrival with the statue at Laodameia's palace foreshadows and **substitutes** for the arrival of Protesilaus. Taken as a whole, the earthly life of these heroes...

21/3,K/22 (Item 17 from file: 88)  
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03243279 SUPPLIER NUMBER: 14538285  
**Minority identity and self-esteem.**  
Porter, J.R.; Washington, R.E.  
Annual Review of Sociology, v19, p139(23)  
Annual, 1993  
ISSN: 0360-0572 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

...both first generation immigrants and residentially or economically isolated subgroups may derive a positive group **image** from their lack of assimilation. Overall, the ethnic competition model might best explain ethnic self...

...implications of both the ethnic competition paradigm and the internal colonialism paradigm for the group- **image** component of self-esteem need to be studied empirically by measuring dimensions like group **image** , assimilation and acculturation on a variety of traits, perception of prejudice and discrimination, and alienation...

...the way these dimensions affect group mobilization and identification. LABOR MARKET INCORPORATION PARADIGM OF GROUP **IMAGE** Another prevalent paradigm utilizes economic theories that explain the persistence of ethnic boundaries by stressing...

...that ethnic solidarity created by economic relations will have a positive impact on the group **image** dimension of self concept. Also, they assume that segregation into ethnically controlled occupations impedes assimilation...

...group members encounter in the larger society (Olzak 1983). According to this paradigm, the group **image** component of self-esteem will be positive for workers located in an ethnic enclave economy. Ethnic enclave economies of this type **characterize** the labor market incorporation of Cubans (Portes & Bach 1985, Bean & Tienda 1987), and of Chinese...

...research on the effect of such forms of labor force incorporation on feelings about group **image** . The form of labor market incorporation is a useful perspective for analyzing variation in the group **image** component of self-esteem; however, discussions based on such paradigms have problems when they are extrapolated to explain individual-level variables. Individuals may vary in the group **image** dimension of self-esteem even when their subgroup is **characterized** by a high degree of economic and ethnic solidarity. These discussions also fail to explain...

...self-esteem is inferred rather than empirically demonstrated. SUMMARY:ETHNIC PARADIGMS:HISPANIC AND ASIAN GROUP **IMAGE** The acculturation/assimilation paradigms and the explicitly structural models like internal colonialism, ethnic competition, and labor market incorporation provide important insights into processes that form the group **image** component of self-concept. They explicitly address the cultural and structural forces that determine how...

...paradigms into a more general model predicting self-esteem. African Americans: Racial Paradigms of Group **Image** The ethnicity paradigms described above are the major models that have been used to explain the group **image** component of self-esteem among Asian Americans and Hispanics. Although there is an extensive sociological...

...growing sociological literature on self-esteem, the specific body of literature on African American group **image** has been informed largely by models from the field of psychology. Although early research on...

...1960s and 1970s, proposed mainly by social psychologists. This theory assumed that rapid socioeconomic change **led** to rising expectations and a shift in

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03243252 SUPPLIER NUMBER: 13976706  
**Men helping women: a monastic case study.**  
Gold, Penny S.  
Sociology of Religion, v54, n1, p43(21)  
Spring, 1993

... situation (Kanter, 1977:251-52; Volkart, 1951:2, 4, 28). The strategies evident in the **letters** include: expressing directly her reliance on their opinions, expressing gratitude for all they were doing...

...s responsibility may be found in her assertions of reliance on the monks' advice. Her **letters** to Father Patrick included these comments: Please feel free to do whatever business you think...

...not drowning in all the work you're doing for us. There just aren't **words** to tell you now grateful we all are. We'll have to rely upon the...

...her visit had been, she added: "I do not think I can use a better **word** to describe [your monks] than the **word** 'manly'" (KD to AT, 6/5/62). In the spring of 1963 it was suggested...

...often through questions, a habit with which the monks came to lose patience, and which **led** to the complaint from both the prior and the abbot that she was relying on their advice too much. The portrait of Mother Katharine derived from these **letters** is different from the **image** of her familiar to the nuns who knew her as abbess in the community of...a new community -- whether of monks or nuns -- brings gratification as a kind of reproduction, **symbolic** or spiritual rather than sexual. A lecture of the Abbot General confirms this interpretation of...

...so also a foundation may have a like effect on a monastery and be a **sign** of its vitality (Conferences of the Abbot General, 1985:18). Occasional use of language of parenting and birth in the **letters** between St. John's and Meriden supports the importance of generativity as a motivation, whether...

...overarching commitment enabled Mother Katharine to see each difficulty as just another of God's **signs** of the rightness of the project, (15) and it sustained the monks in their task...

...the help and support of the monks. But in the subsequent decades, various factors have **led** the communities to a more complementary relationship of collegiality and cooperation, while deepening the friendship...building of a new wing, and they have given used farm equipment to the nuns **instead** of trading it in against new equipment. They have also lent the nuns money to...

...no longer necessary. And as St. Mary's has developed its own spiritual and institutional **character**, occasions for deeper and more sustained sharing have been sought by both communities. St. Mary...complementary relationship that benefits both communities, spiritually, psychologically, and materially. While monastic terminology fosters an **image** of monks and nuns as brothers and sisters -- an **image** not inappropriate to the feelings between the two communities -- one abbot of St. John's...

...and to society a living model of interaction between men and women which reflects the **image** of wholeness originally created in us by God and offered to us again in the...a male "escort" to travel from library to dormitory after dark, a small but common **sign** of women's restricted mobility. In setting up St. Mary's, Mother Katharine's power...

...the monastic setting, we found that restriction of mobility and lack of knowledge and experience **led** to a disjunction between the location of authority and power. The situation is more grave...

...is the vow of celibacy undertaken by all professed religious. Secular institutions may have informal **codes** of conduct ("Don't date in the office"), but there is not the clarity of...

...saw this in the story of St. Mary's in the sense of generativity (a **symbolic** sexuality) that supported the foundation effort, as well as in

the friendships that have developed...

21/3,K/24 (Item 19 from file: 88)  
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03243251 SUPPLIER NUMBER: 13929896

**Essentialism, memory and resistance: aboriginality and the politics of authenticity.**

Lattas, Andrew

Oceania, v63, n3, p240(28)

March, 1993

ISSN: 0029-8077

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 10787

LINE COUNT: 00858

... a consequence, many Aboriginal leaders now channel their energies into structures established by the government. **Instead** of being in an autonomous position from which they can criticise, they now form a...

...often ignored is the sense of autonomy from the control of the 'Other' conferred by **images** of the past and by **images** of primordiality and indeed the necessity to have an **image** of the past if one is to have a sense of ownership of oneself. Yet...trend in contemporary Aboriginal Studies to attack essentialism in its biological form and also, to **quote** Thiele, as 'an immutable cultural or social ... inheritance' (Thiele 1991a:157). Thiele writes that 'there91, 163-4). **Instead**, they have a coercive view of the primordial past as a constraining prison. There is... the mythological possession of a sense of place, including the space of one's body. **Instead** we have under the banner of Reason a demand that Aborigines operate in a de...

...have never come to terms with the positive imaginary conditions for human sociality.(22) In **characterising** people's memories as the dead weight of an illusion, this form of theorising expresses...

...becomes a means of dispossessing people of their ownership of space. In denying people their **images** of the past, it denies them not only the means of owning the present space...

...a mere contact of the mind with the object present; it is impregnated with memory- **images** which complete it as they interpret it. The absurdity of contemporary social theorising (like that...

...affairs and that the body is part of that imaginary horizon. It is through memory **images** that we transform the various discrete aspects of our lives into synthetic meaningful totalities which...

...of endosmosis. MUDROOROO NAROGIN'S WRITING FROM THE FRINGE I want to contrast the negative **images** of the primordial past and of bodily essentialism, which some white intellectuals have produced, with...culture. Mudrooroo explores the discursive strategies for inserting one's voice and for appropriating the **symbolic** forms which the white Other provides. He explores the structures of alienation inscribed in the...

...emerging out of self-alienation; where self-hatred creates a hidden desire to fit the **image** of depowerment which Whites impose on Aborigines. The existential being of the Aborigine in Australia...

...he was not a child, but an adult and his act of continuing bad faith **led** him into self-hatred. An adult gazed into a mirror and saw not the face of a child smiling back, but the scowling face of an adult. This **instead** of leading to action, often **led** to confusion and a passivity which was strengthened through alcohol. Drunk and stumbling bleary-eyed...

...child. This state of abjection is portrayed in the play, The Cake Man by the **character** of Sweet William living a childlike existence on a reserve. (Narogin 1990:1) Unlike Black, White or Brindle, Writing from the Fringe

does not explore the active **images** of defiance which drunkenness can embody and how it can represent a subversion of the norms of ordered behaviour into which Whites seek to incorporate Aborigines. **Symbols** of disorderliness can become **symbols** of resistance to an order which is experienced as oppressive in its attention to regulating...songs and even the original language which might constitute a basis for authenticity have been **replaced** by 'an English of varying degrees of standardisation' (Narogin 1990:7). Mudrooroo also points to...

...and 'is not concerned with the future aims and aspirations of the Aboriginal people' but **instead** speaks of being 'equal in one human Race!' (Narogin 1990:15). For Mudrooroo, Aboriginal writing...

...actually disliked it, mainly because I saw Mudrooroo as attempting to essentialise Aboriginal being by **characterising** it as always grounded in the community values and identities of a hunting and gathering society. On further reflection, I see Mudrooroo as using **images** of the past in a poetic and metaphorical way to extend the identity structures and...the conceptual terrain from which one speaks and where this can be provided by the **images** of the past which one claims as one's own and as one's truth ...

...better the form and content of Aboriginality, even though there is the danger that a **sign** system rooted in Aboriginal culture might not be readily accessible to white readers who may...

...of Aboriginality. Surrealist art used the unconscious and dreams to position the truth of its **images**. This creation of art out of dreams is also a feature of traditional Aboriginal art...It is here a question of the company a writer keeps in his or her **words** and of whether there is not a presence there apart from his or her own...

...is an aesthetic that does not claim to be disembodied or transcendental but which is **instead** grounded in the artist's community: in its sufferings, needs, desires and aspirations. Opposing the...

...aesthetic form in its own right so as to explore the internal complexity of its **images**. Indeed, Mudrooroo at one point

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03230462 SUPPLIER NUMBER: 15053450  
**Richardson's Clarissa and the Eighteenth-Century Reader. (book reviews)**  
Backscheider, Paula R.  
Studies in the Novel, v25, n4, p483(3)  
Winter, 1993  
DOCUMENT TYPE: review ISSN: 0039-3827 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 1431 LINE COUNT: 00114

... of the Hills' analogy [of Lovelace to Milton's Satan as serpent] becomes clear . . . the **image** of being **led** by a guide falsifies the experience of a novel which so evidently provides its reader with no explicit guidance and **instead** requires him [sic] to find his own path through the **text** " (p. 193). Here Keymer's lack of any unifying theory of reader-response and of...

...as members of a particular community of "informed readers" is especially obvious. In the Hills' **letters** and in those of other women are the phrases of women who have probably been...

...much like Lovelace: dazzlingly attractive, well-born, wealthy, articulate--both "smooth" and able to twist **words** and arguments. In women's writing throughout the century and continuing into the early nineteenth...

...sisters and many of Richardson's readers would have reacted immediately to the literary cultural **sign** that Lovelace was and suspected "the Poison lurking in his Breast." Urania Johnson's **words**, "glitt'ring" and "haughty" were both "danger" **words** associated with such **characters**.  
There are other signs in Keymer's book that he is one of the modern  
...

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03227735 SUPPLIER NUMBER: 14940157  
**Kibbutz youth: recent past and present. (Special Issue: Kibbutz Adolescents)**  
Kaffman, Mordecai  
Journal of Youth and Adolescence, v22, n6, p573(32)  
Dec, 1993  
ISSN: 0047-2891 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 11218 LINE COUNT: 00887

... the responsibilities of full adulthood.  
However, already by the middle of the 1970s, this idyllic **picture** had disappeared. It appears that the changes in the value system of kibbutz society made...

...factors contributed to this situation: (1) the collective, ideological and political commitment that unified and **characterized** the kibbutz in the past became weakened; (2) the high schools, the educators, and the...

...as the date of his induction to army service approached. All these factors taken together **led** to confusion and the undermining of the beliefs, opinions and convictions of the kibbutz society in general, and the **signs** of protest and rebellion in adolescence intensified accordingly. Thus, during the decade 1976--1986, clear **signs** of rebellion were revealed, which testified to the refusal of the youth to accept, without...

...and plans. Following this wave, many predicted a gloomy future for the Israeli commune. The **signs** of "storm and stress" that **replaced** the complacency and conformity observed in the past among kibbutz adolescents found expression in the...

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03226599 SUPPLIER NUMBER: 14738167  
**Change and cultures: reality presumptions in China and the West. (Papers from the Commonwealth Center for Literary and Cultural Change)**  
Blair, John G.  
New Literary History, v24, n4, p927(19)  
Autumn, 1993  
ISSN: 0028-6087 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8712 LINE COUNT: 00706

... be content with opining that the cultural entities at issue here, Western and Chinese, are **characterized** by extensive intellectual traditions and elaborate encodings of meanings which suggest that these cultures, if...

...admirably, not so much because of my experience of it as for the reasons that **led** me to want to teach there. The advantages of China include its historical longevity, its...facto control of cultural stereotypes in the state inherited from our immediate predecessors. (7) Such **characterizations** also became conceivable in recent Chinese self-analysis, albeit fleetingly, in the television miniseries entitled...

...by the latter half of 1989 video-cassette sales were banned. (8) I capitalize the **word** from here on when it signifies the Chinese idea of a fundamental **characteristic** of the real. (9) The more familiar form is I Ching, but I use the...

...12) Unlike the Delphic Oracle, there is no presumption of divinely inspired guidance in China. **Instead** the **signs** reside in natural phenomena waiting to be read by those with the appropriate wisdom. (13) Here, in the **words** of the Wilhelm/Baynes commentary on the Yijing, is one way "The Great Treatise" puts...the centuries in very nearly the same terms: "a confusion of sects, orthodoxies, and heresies **replacing** each other with bewildering rapidity, all competing with each other to offer the one true...

...of the Problem of Linguistic Relativism," Philosophy East and West, 36 (1986), 370. (32) One **sign** of the importance of such issues is that they are important in the writings not...

...corps comme construction culturelle" [The Body as a Cultural Construct: Comparison of Chinese and Western **Images** ], Intercultures (

21/3,K/28 (Item 23 from file: 88)  
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02930855 SUPPLIER NUMBER: 12560097

**The era of our ways. (new computing approaches) (Column)**

Zilber, Jon

MacUser, v8, n10, p23(2)

Oct, 1992

DOCUMENT TYPE: Column ISSN: 0884-0997 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1123 LINE COUNT: 00090

ABSTRACT: **Signs** that software products are taking a new direction are evident in the increasing availability of clip-art, databases and full-featured **word** processing software packages. **Instead** of purchasing drawing programs to produce **images**, users are buying clip-art software; this approach may be applied to business forms, data...

...usable programs with a simple set of features that are easier to learn and use. **Word** processing software packages already handle desktop publishing and document management solutions. Future **word** processors may handle everything from optical **character** recognition to **electronic** mail file handling and conversion.

21/3,K/29 (Item 24 from file: 88)  
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02894387 SUPPLIER NUMBER: 12524599

**Bits & bytes. (Industrial Technology Edition) (Product Announcement)**

Business Week, n3279, p98H(1)

August 17, 1992

DOCUMENT TYPE: Product Announcement ISSN: 0007-7135 LANGUAGE:

English RECORD TYPE: Abstract

ABSTRACT: Topics ranging from more personable computers to a computerized sporting **news** device are discussed. Unisys Corp's Communication Access Processor (CAP), a hardware/software package, will...

...79 Buzz Aldrin's Space Adventure educational package. The technique involves video compression that will **replace** redundant patterns in an **image** with shorthand **codes** to cut down on the space required for disk storage. DataSport Inc's Sporting **News** SporTrax is a datebook size computer device that receives **news** from the Sporting **News** Publishing Co



via satellite. The unit displays updated game results on a liquid crystal screen...

...Carnegie-Mellon University. SignSpeak uses a belt-mounted computer and sensor-filled glove to translate **sign** language into speech. The Vatican uses a network installed by General **Electric** Co's GE Information Service to inform worshippers on five continents of Pope John Paul...

21/3,K/30 (Item 25 from file: 88)  
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02465404 SUPPLIER NUMBER: 09098952  
**My neighbor, the distinguished Count. (poem)**  
Corn, Alfred  
The New Republic, v203, n20, p38(1)  
Nov 12, 1990  
CODEN: NREPA ISSN: 0028-6583 LANGUAGE: English RECORD TYPE:  
Fulltext  
WORD COUNT: 1013 LINE COUNT: 00073

TEXT:

...neighbor As thyself, no?-a neighbor so visibly In need, his pale  
brow furrowed, an **electric** Tic active at the corner of the mouth.  
Thoughts less reassuring surfaced later When what...

...Chided jokingly, could he read minds? He answered, even better than  
that, he could read **Signs** . It seemed I'd left them everywhere. And true  
messages always reached their addressee, Wasn...

...When placed beside his own inner persuasions. He told me he'd been  
seeing more " **signs** " than ever, And certainly he came to me more and more  
often, Insisting I call...  
...t help doing so, aware Of the acrid little oke: that, according To his  
iron **code** of gamesmanship, I have just authorized another courtesy call.  
In full knowledge also (hideous necklace...

...Look, he has arrived. Hannah's white cap vanishes Down the dark passage  
and is **replaced** by his face Floating in the gloom like a full moon, eyes  
lowered, His left...

...deeplyHence the sudden piercing intimation of what I am One day to be,  
this twilit **picture** of discretion, the set Of his features calm as an  
engraving of one who lets **words** Of gratitude pass in silence as he  
settles to the task.

21/3,K/31 (Item 26 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
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01506281 SUPPLIER NUMBER: 02862662  
**Digital typography.**  
Day, Donald; Bigelow, Charles  
Scientific American, v249, p106(12)  
Aug, 1983  
CODEN: SLAMA ISSN: 0036-8733 LANGUAGE: English RECORD TYPE:  
Fulltext  
WORD COUNT: 5929 LINE COUNT: 00522

... elements. These elements can be line strokes, pixels, colors,  
shades of gray or any other **graphic** unit from which a letterform can be  
constructed. Hence digital typography is not new: mosaic tiles, embroidered  
samplers and arrays of lights on theater **marquees** have long represented  
alphabetic **characters** as relatively coarse discrete arrays. These digital  
letteforms, however, are typographic curiosities, far from the...

...mold used to cash type in metal. With the development of the computer and digital **electronics**, typography in the past 15 years has been seeing a wholesale **replacement** of analogue **text** by digital **text**, which may rival the shift in the Renaissance from **script** to print.

It is estimated that each day in the U.S. about 10.sup...

21/3,K/32 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01634563 SUPPLIER NUMBER: 13502928 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**New Zealand: ComputerWorld expo 1993 set for March.**  
Zucker, Paul  
Newsbytes, NEW01280012  
Jan 28, 1993  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 988 LINE COUNT: 00071

... don't tell you to press "Enter," although that is a possible option.

The good **news** is Reader Rabbit 3 doesn't need Windows, and will run under DesqView. You can...

...s tinny speaker -- it works fine without a "Sound Blaster." It's also got fine **graphics**, including animated **pictures** that **led** Robin from a main screen, through the story of the game -- RR has a job at a newspaper -- through a "**sign** -up." This "**sign** -up" procedure **replaces** the set-up screen. If you have more than one child, or you're using...

21/3,K/33 (Item 2 from file: 275)  
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01450125 SUPPLIER NUMBER: 11278649 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Mac leads the way. (Apple Macintosh and object orientation) (includes a related article on the role of standards)**  
RELease 1.0, v91, n8, p5(7)  
August 31, 1991  
ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 3578 LINE COUNT: 00287

... We're talking about simple things. If applications were aware of each other in general **instead** of with particular hard-wired links such as will happen between, say, cc:Mail and Lotus Notes - your pc **word** -processor would automatically grow an extra menu item to let you send e-mail the...

...its underlying behavior and the installed base of self-describing applications. new mail transfer agent. **Instead** you probably save your vp file, remember the name, and pick it up with your...

...to our particular applications. For example, your pc could inform you, "Now printing Juan's **WordPerfect** document called 'Your eyes, your eyes' 4K. Queue contains Alice's 1-2-3 spreadsheet...  
...package, your address-printer or your output-to-fax. Someone has to write a little **script** that will trick it into thinking the e-mail is a printer and grab the...

...working on, what priorities it has, and even if it heard you right. Can the **word** -processor, the printer and the fonts work together? Stand by at the printer to find...30 megabytes of memory. Then he ships a "package" (the new files plus an installation **script**) out to the users, and the **script** installs the software. That process, at least, has generally gotten easier, especially on the Mac...

...to detect conflicts or potential problems. \* facilities for resolving

problems and conflicts, which could be **scripts** to move or remove some files, or messages to the user, including such messages as...

...And they generally use a two-step process: Find all the machines with given configuration **characteristics** (memory over 2MB, for example, and Version 2.4 of WrongWriter); then you can send...

...ones. These are the capabilities that set Pharos and Teknosys apart. Pharos's Personal\*Status, **code** -named Whirlwind and scheduled for release by the end of this year, should be one...

...resource file reader for use by system administrators or locally. In a sense, Personal\*Status **replaces** the expertise of the system administrator for an individual user. It will come in a **script** -builder version (priced "in the high hundreds or low thousands") and runtime (less than \$100...

...users of the builder version are generally application builders or in-house system administrators building **scripts** to install and manage complex configurations of commercial applications and their own in-house applications. The developer version of Personal\*Status is an installation **scripting** tool that uses local configuration data in conjunction with a core knowledge base of general systems information plus application-specific configuration rules and **scripts**. The runtime component manages the appropriate **scripted** installation procedures (Pharos calls them agents) and uses the configuration information provided by Status\*Mac...

...old versions of software, incompatibilities, etc.) While Pharos does the basic work and provides core **scripts** for generic problems, it is also trying to bring application vendors into the act. Each vendor (or inhouse developer) can take responsibility for documenting and **scripting** - in machine-intelligible form - its own installation procedures, new versions and configuration requirements. Beech is now approaching application developers to **sign** on; he's currently negotiating an agreement with another Mac-oriented vendor that should help...

...the work themselves. The hope - a realistic one - is that the vendors will see the **scripts** as a way to add value to their products as well as to reduce their...

...or even through their agent bases, such as insurance agents or brokers. How will the **scripts** be distributed? That's still unclear. Obviously, Beech hopes many vendors will include **scripts** with their applications, but he also sees a place for distribution before purchase, for queries... used by a single user on a single machine, although it can run centrally developed **scripts** delivered over a network by a systems administrator via Status\*Mac. Pharos founder Bob Beech...

...Help! knowledge base consists of information gleaned from printed materials and help files from vendors, **electronic** and print media reports, information from Apple, user bug and conflict reports, and its own ...

...their programs so that their functions and data can be used by other applications or **scripts** or add-on interactive interfaces (see Release 1.0, 5-91). But the company as a whole doesn't seem to get the **picture** : Even without AppleEvents, programs can contain a wealth of information about themselves so that they...

...as Pharos and Teknosys also need application information on the positive side: Can Juan's **word** -processor handle Alice's e-mail? Can Alice's calendar understand Juan's appointment records...

21/3,K/34 (Item 1 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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02512149 Supplier Number: 45052650 (USE FORMAT 7 FOR FULLTEXT)

**Untitled Article**

Common Carrier Week, v11, n40, pN/A

Oct 10, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 248

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Subcommittee Chmn. Markey (D-Mass.) wants to know why. In Sept. 19 edition of DM **News**, marketers' tabloid, major list broker List Services Corp. had large ad with headline: " **Sign** On for Response with America Online." AOL's **logo** also was displayed. Specific information available on each subscriber includes how much money each spends...

...on-line, said: "I feel strongly that comprehensive privacy protections must become part of the **electronic** ethics of companies doing business on the information superhighway." He asked for more information on...

...to stay off mailing lists. Prodigy spokesman said that service "never" sells information to outsiders; **instead**, it will send E-mail to subscribers in whom vendors are interested, but without disclosing...

**21/3,K/35 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02371737 Supplier Number: 44668983 (USE FORMAT 7 FOR FULLTEXT)

**GATT: NEW WORLD TRADE REGIME IS BORN OUT OF URUGUAY ROUND FINAL ACT**

Multinational Service, n343, pN/A

May 10, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1488

... benefit and the prosperity of the population of the GATT member countries. Despite these grand **words**, the Ministerial could not clear away the clouds over the many recession -generated trade tensions...

...on the links between trade and child labour and prisoners, does not appear in the **text**, but was referred to by the Chairman of the conference. The member countries could make...

...on July 1, 1995 - provided that a sufficient number of the larger countries not only **sign** up, but ratify the agreement in their national parliaments. The US Government has already committed...

...questions that the new WTO will have to deal with - an exercise which has already **led** to conflicts of view between the developed and the developing countries. One of the subjects...agricultural products also requires those Uruguay Round participants which have removed non-tariff measures and **replaced** them with equivalent protection in the form of tariffs (i.e. tariffication) to open "current..."

...the scope of their reciprocal agreement. Finally, on Intellectual Property, the rules for protecting brands, **trademarks** and copyright and the fight against forgery have for the first time been included in...

**21/3,K/36 (Item 3 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02082074 Supplier Number: 43832444 (USE FORMAT 7 FOR FULLTEXT)

**Small Banks Give Network Mergers A Thumbs Up**

Bank Network News, v11, n24, pN/A

May 11, 1993

Language: English      Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count:    1046

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...they argue. But executives from small and mid-sized financial institutions contacted by Bank Network **News** don't sound all that different from the executives of NationsBank or Banc One. What...

...greater processing efficiencies. And, some observers say, super-regionals have greater resources in developing advanced **electronic** banking technologies for their members. Hunt, for example, says he would like greater development of **electronic** technologies for home banking and bill payment services, EBT and **electronic** ticketing. Many of these are services that large banks can develop on their own but...

...the Honor and Relay networks to create the Southeast Switch, which operates under the Honor **logo**. Marianne James, Fidelity's ATM coordinator, says she misses not having a local representative to...

...hot stamp Honor's name on the bank's 6,000 cards and change the **signs** on the ATMs. But she says Honor provided a cash incentive for financial institutions that...

...tasks by a deadline, which helped defray some of the cost as well as assured **signage** was completed in a timely manner. But James notes that she does not feel any loss of power or control with the larger network. "I have to call Florida now **instead** of dealing with a problem locally," she says. "But Honor is real good at returning..."

0727079

**ROSTER OF UPCOMING OFFERINGS**

S&P's Emerging & Special Situations December 18, 1995; Pg 11; Vol. 15, No. 12

Journal Code: ESS ISSN: 0882-5440

Section Heading: ROSTER OF UPCOMING OFFERINGS

\*Full text available in Formats 5, 7 and 9\*

TABLE:

available online)

**ROSTER OF UPCOMING OFFERINGS**

Shares

Company, **Tickerto** be

	Offered (000s)	Exp. Price	Exp. Date
- Underwriter			
& Business			
3-D Geophysical Inc. (TDGO)	2...		

...roof sys. construction

Autocraft Industries	3,500	15-17	early Feb.
----------------------	-------	-------	------------

- Merrill Lynch

auto/truck **replacement** parts

Blonder Tongue Laboratories	2,200	8-10	mid-Dec.
-----------------------------	-------	------	----------

- Ferris, Baker Watts

electronics & sys...

...DTPT) 1,000 up to 6 late Dec.

- H.J. Meyers

computer software

Shares

Company, **Ticker**

	Offered (000s)	Exp. Price	Exp. Date
- Underwriter			
& Business			
Dignity Partners (DPNR)	2,000...		

...Stanley

document mgmt.

computer software

ECRM Inc. (ECRM)	3,500	13-15	postponed
------------------	-------	-------	-----------

- Smith Barney

**image** processing sys. mfr.

Elcom International (ELCO)	5,500	11-13	mid-Dec.
----------------------------	-------	-------	----------

- Robertson, Stephens

computer...

...HYBN) 2,500 9-11 late Dec.

- Lehman Bros.

genetic medicines R&D

Shares

Company, **Ticker**

	Offered (000s)	Exp. Price	Exp. Date
- Underwriter			
& Business			
IC WORKS Inc. (ICWK)	3...Corp.	(OLOF)	2,000 9-11

postponed

- A.G. Edwards

metal cutting machinery mfr.

Open <b>Text</b> (OTEXF)	3,600	10-12	January
--------------------------	-------	-------	---------

- Montgomery Secs.

computer software

Optical Cable (OCCF)	2,000...		
----------------------	----------	--	--

...1,000 up to 7 mid-Jan.  
- Equity Secs.  
finances construction  
of properties

Company, Ticker	Shares to be Offered (000s)	Exp. Price	Exp. Date
- Underwriter & Business			
Red Brick Systems (REDB)	1...		

**25/3,K/2 (Item 1 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2002 The Gale Group. All rts. reserv.

02079011 SUPPLIER NUMBER: 06958799  
**Stepping Out II. (Software Review) (Quick Clicks) (evaluation)**  
Parascandolo, Salvatore  
MacUser, v4, n10, p77(2)  
Oct, 1988  
DOCUMENT TYPE: evaluation ISSN: 0884-0997 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 708 LINE COUNT: 00073

ABSTRACT: Berkeley System Design's \$95 Stepping Out II is a Macintosh video screen enhancement utility **substitute** for a large screen display. Based on available RAM, the Mac can have the equivalent...

...to a large RAM-based virtual screen. All windows, although larger than usual, act normally. **Text** entry **autoscrolls** when it reaches the end of the screen. Screen reductions of 25, 50, and 75...

...is that it needs at least two MB of RAM and more for high-end **graphics** programs such as Illustrator 88 or PixelPaint. Stepping Out II is a vast improvement over...

**25/3,K/3 (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

01252127 SUPPLIER NUMBER: 06836261 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**FM quote feed a hit with investment pros.**  
Landis, Kenneth M.  
Wall Street Computer Review, v5, n10, p74(3)  
July, 1988  
DOCUMENT TYPE: evaluation ISSN: 0738-4343 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2421 LINE COUNT: 00184

... new securities to a page is simple. The user can insert a new line or **overwrite** an older line. In either case, he enters the security's **ticker**, along with a group **code** that tells Market Center if the security is a stock, option, commodity, or index. To add preferred stocks, warrants, or other special classes, supplementary **symbols** must be used. These are all listed on Market Center's full set of on...

**25/3,K/4 (Item 2 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01210647 SUPPLIER NUMBER: 05186952 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PC Quote financial-market monitor now supports Novell's NetWare LANs. (PC Quote Inc.'s PC Quote upgrade, connectivity section)**  
Sustar, Lee  
PC Week, v4, n38, pC33(1)

Sept 22, 1987

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 625

LINE COUNT: 00047

ABSTRACT: PC **Quote** Inc upgrades its PC **Quote** microcomputer-based real-time financial-market monitor package to run on local area networks running Novell Inc's NetWare network operating system. PC **Quote** information can now be distributed to up to 100 microcomputers or workstations on a LAN...

...data feeds from over-the-counter and stock markets and relay it to the PC **Quote** Server, an IBM PC AT with 4Mbytes of expanded memory. The server broadcasts its 62,000 memory-resident **ticker symbols** across the network, where other network nodes gather them in background mode. The AT servers will be **replaced** with 80386-based systems, and MSDOS will be **replaced** with OS-2 as soon as possible. The network version of PC **Quote** costs \$395 plus \$75 for the first two workstations and \$50 for each additional workstation.

25/3,K/5 (Item 1 from file: 570)

DIALOG(R)File 570:Gale Group MARS(R)

(c) 2002 The Gale Group. All rts. reserv.

01197013 Supplier Number: 42126575

**Readying the post**

Advertising Age, v62, n23, p36

June 3, 1991

ISSN: 0001-8899

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

...parade down Broadway in New York, is being promoted by this official poster. A stylized **picture** of a skyscraper festooned by yellow ribbons **instead** of **ticker** tape, the poster was designed by artist Milton Glaser and printed by D&L Offset...

...The mile-long parade is expected to attract 2 million people. THIS IS THE FULL **TEXT** .

25/3,K/6 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

02766517 Supplier Number: 45614854 (USE FORMAT 7 FOR FULLTEXT)

**Two Updated Windows Personal Information Managers for Beginners**

Law Office Technology Review, v4, n65, pN/A

June 19, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1277

... with SKW2, ECCO. has the ability to launch other Windows applications and may be used **instead** of the Windows Program Manager or other Desktop. A feature unique, as far as we...

...send data to and from other Windows-based programs. When ECCO. is active, a Shooter **icon** appears with in all active Windows applications. Thus a name and address from the ECCO. phone book can be "shot" to the **word** processor or **text** of a **ticker** or appointment reminder sent from **word** processor or database directly to the calendar or other outline view. The module appears to...

?



32/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01492371 SUPPLIER NUMBER: 12417702

**Bendix Notes push tied to quality initiative; users shun big iron for networked PCs. (Bendix Corp. Automotive Systems Group engaged in downsizing, plans to use Lotus Development Corp. Notes work-group software)**

Hildebrand, Carol  
Computerworld, v26, n29, p1(2)  
July 20, 1992

ISSN: 0010-4841 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: the company meet a total quality initiative by improving teamwork and communications and cutting response **time** . Bendix will also be **moving** its spreadsheets, **word** processors and other **business** applications to the LAN under the Microsoft Windows graphical user interface and will most likely...

32/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01419772 SUPPLIER NUMBER: 10390727 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Rivers Authority divines need for Dec environment. (Britain's National Rivers Authority)**

Trevett, Nicky  
DEC User, p35(2)  
Jan, 1991

ISSN: 0263-6530 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2036 LINE COUNT: 00159

... technical databases were held on SWW's ICL network, while end-user applications such as **word** processing, financial modelling and **business graphics** were **run** on Dec computers. At the **time** , SWW was coping with a growing demand for end-user facilities and was planning to...

38/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2002 Resp. DB Svcs. All rts. reserv.

01071983 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**KUBOTA ALLOWS ITS US GRAPHICS SOFTWARE UNIT GO TO ITS EMPLOYEES**  
(Kubota Pacific Computer winds up hardware business; some 25 employees buy remainder of graphics technology)  
Computergram International, n 2539, p N/A  
November 08, 1994  
DOCUMENT TYPE: Newsletter ISSN: 0268-716X (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 204

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...which will be used to set up a new concern to peddle its low-priced **ActionGraphics** Peripheral Component Interconnect-based three-dimensional accelerator boards into the iAPX-86, RISC and Windows...

...who has been vice-president of marketing and arranged the deal, will run the firm. **ActionGraphics**, a name that will stick, is expected to be seen at both Comdex in various...

38/3,K/2 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00927982 95-77374  
**Kubota debuts ActionGraphics**  
Quick, Gregory  
Computer Reseller News n596 PP: 24 Sep 19, 1994  
ISSN: 0893-8377 JRNL CODE: CRN  
WORD COUNT: 177

**Kubota debuts ActionGraphics**

ABSTRACT: With its **ActionGraphics** line of 3-D graphics accelerators, Kubota Graphics Corp. is bringing workstation-level performance to...  
...TEXT: the Intel-compatible market with its latest line of-D graphics accelerators.

The company's **ActionGraphics** is its first that is designed for PCs rather than workstations and can allow VARs...

...Dunn, Kubota's vice president of marketing.

The first in the line will be the **ActionGraphics** 300, which will feature 1,280 X 1,024 resolution or lower, full-screen model...

...and Windows NT as well as graphical application languages such as OpenGL and Hoops.

The **ActionGraphics** accelerators target a new reseller and VAR channel for the company, and Kubota plans to...

38/3,K/3 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00915919 95-65311  
**PCs get better 3-D graphics**  
Corcoran, Cate T  
InfoWorld v16n39 PP: 45 Sep 26, 1994

ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 217

...ABSTRACT: Graphics Corp. recently introduced a 3-D graphics board for accelerating mechanical CAD applications. The **ActionGraphics 200** delivers features and performance equivalent to a \$20,000 graphics workstation for \$2,195...

...TEXT: last week weighed in with a 3-D card for accelerating mechanical CAD applications. The **ActionGraphics 300** lists for \$2,195 and delivers features and performance equivalent to a \$20,000...

... programs and games that demonstrate the capabilities of 3-D to Windows users.

Kubota's **ActionGraphics** board supports the OpenGL, 3DR, and Hoops 3-D APIs. It accelerates AutoCAD, AutoCAD Designer, AutoSurf, and MicroStation.

**ActionGraphics** requires a PCI system with a VGA card and a Pentium chip. It features a...

**38/3,K/4 (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01702733 SUPPLIER NUMBER: 16260872 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Kubota takes wraps off 3-D graphics accelerator for PCs. (Kubota Graphics Corp ActionGraphics 300 accelerator board) (Product Announcement)**  
DiCarlo, Lisa  
PC Week, v11, n38, p48(1)  
Sept 26, 1994  
DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 303 LINE COUNT: 00024

**Kubota takes wraps off 3-D graphics accelerator for PCs. (Kubota Graphics Corp ActionGraphics 300 accelerator board) (Product Announcement)**  
The **ActionGraphics 300** 3-D accelerator card runs on Intel-based PCs that use the Peripheral Component...

...access into the OS," he said.

Kubota officials said the first CAD applications to use **ActionGraphics** will be Autodesk's AutoCAD, AutoCAD Designer, and AutoSurf; and MicroStation, from Bentley Systems Inc...

...Corp., will incorporate the 3-D technology by the end of the year, they said.

**ActionGraphics 300** is available now for \$2,195 through resellers. Kubota, a privately held company, can...

TRADE NAMES: Kubota Graphics **ActionGraphics 300** (Graphics/accelerator display board...

**38/3,K/5 (Item 1 from file: 570)**  
DIALOG(R)File 570:Gale Group MARS(R)  
(c) 2002 The Gale Group. All rts. reserv.

01284306 Supplier Number: 42998920 (USE FORMAT 7 FOR FULLTEXT)  
**GM funnels \$50M back to car divisions: First sign of Guarascio's place in new regime**  
Advertising Age, v63, n20, p1  
May 18, 1992  
ISSN: 0001-8899  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 470

... however, since lobbying by GM divisional general managers - including Mr. Losh, when he headed Olds- **mobile** - led to a decision to kill off the campaign even before the management changes.

A last...

**38/3,K/6 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2002 The Gale Group. All rts. reserv.

01297351 Supplier Number: 45632322 (USE FORMAT 7 FOR FULLTEXT)

**AccelGraphics' 3D Graphics Accelerators Now Offering Dual-Screen Capability  
For CAD/CAM Applications**

News Release, pN/A

June 27, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 637

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and assemblies quickly and interactively, thereby dramatically enhancing user productivity when using 3D applications. The **ActionGraphics** line of higher-performance 3D graphics accelerators delivers high-end workstation graphics performance on platforms...

**38/3,K/7 (Item 2 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01285403 Supplier Number: 45401341 (USE FORMAT 7 FOR FULLTEXT)

**SOFTWARE-ONLY ACCELERATION NOW AVAILABLE FOR AUTOCAD RELEASE 13 FROM  
PANACEA**

News Release, pN/A

March 14, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 569

... 866,868,964,968, Trio732 and 764, Number  
Nine's Imagine-128, AccelGraphics' (formerly Kubota) **ActionGraphics** ,  
Cirrus' NorthStar and related new SVGA controller chips, Chips and  
Technologies' 655@ series, Trident's...

**38/3,K/8 (Item 3 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2002 The Gale Group. All rts. reserv.

01280388 Supplier Number: 45251660 (USE FORMAT 7 FOR FULLTEXT)

**MICROSTATION PC USERS GET BETTER GRAPHICS SUPPORT AND PERFORMANCE WITH NEW  
PANACEAR SOFTWARE**

News Release, pN/A

Jan 9, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 410

... 3's 864,964,968, and Trio764,  
Number Nine's imagine-128, AccelGraphics' (formerly Kubota)  
**ActionGraphics** , Cirrus' NorthStar, Chips and Technologies' 655xx  
series, Trident's AGi9440, Tseng l-abs ET4000-W32P...

**38/3,K/9 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02834364 Supplier Number: 45746954 (USE FORMAT 7 FOR FULLTEXT)

**Telecom Ad Pages Slump in WSJ, BW, In July 1995**

TA Report, v11, n16, pN/A

August 28, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 93

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...5 million, compared to \$3.4 million in July 1994. Newly formed Bell Atlantic Nynex **Mobile led** telecom advertising in The Journal with four pages. Sprint dominated telecom advertising in Business Week...

**38/3,K/10 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02619526 Supplier Number: 45301764 (USE FORMAT 7 FOR FULLTEXT)

**CHEAPER INDYS**

Computer Aided Design Report, v15, n2, pN/A

Feb, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 515

... however. Last month, for example, Accel Graphics announced that Parametric Technology Corporation has certified its **ActionGraphics** 300 three-D display controller to accelerate Pro/Engineer and Pro/Jr. on some Pentium...

**38/3,K/11 (Item 3 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02552921 Supplier Number: 45150566 (USE FORMAT 7 FOR FULLTEXT)

**VENTURE FUNDING**

Computergram International, n2548, pN/A

Nov 21, 1994

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 76

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...product line and related assets from Kubota Graphics Corp, and will manufacture and market the **ActionGraphics** line of graphics accelerators. Financing details and backers were not given, although Kubota Corp is...

**38/3,K/12 (Item 4 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02457381 Supplier Number: 44913554 (USE FORMAT 7 FOR FULLTEXT)

**KUBOTA DUMPS ITS ALPHA GRAPHICS BOXES; SETS ITS SIGHTS ON INTEL/MICROSOFT TECHNOLOGIES**

Computergram International, n2477, pN/A

August 11, 1994

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 442

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...graphics indirectly rather than directly and cutting its staff by 123 people worldwide. The new **ActionGraphics** technology was previewed at the A/E/C show in Washington at the end of...

**38/3,K/13 (Item 5 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02348503 Supplier Number: 44602458 (USE FORMAT 7 FOR FULLTEXT)  
**POLICE, BELL ATLANTIC CLAMP DOWN ON US\$1 MILLION-A- DAY CELL FRAUD**  
Telecomworldwire, pN/A  
April 18, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 189

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...can detect abnormal usage as it occurs. In this case, a tip from Bell Atlantic **Mobile led** to further investigation by the State's Attorney's office with officers of the Bridgeport...

**38/3,K/14 (Item 6 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01896836 Supplier Number: 43296614 (USE FORMAT 7 FOR FULLTEXT)  
**COMMUNICATIONS: NHK, SWEDISH TELECOM ACHIEVE 16 KBPS WITH FM SUBCARRIER**  
Inside IVHS, v2, n18, pN/A  
Sept 14, 1992  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 917

... designed by his firm. Modulation Sciences is supplying the data transmission equipment used in a **mobile LED** system installed on transit buses in Dallas (see Inside IVHS, July 20, 1992). The system...

**38/3,K/15 (Item 7 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01877683 Supplier Number: 43241622 (USE FORMAT 7 FOR FULLTEXT)  
**Sunkyong's Consortium Wins 2nd Mobile Telecom License**  
Korea Economic Daily, pN/A  
August 21, 1992  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 461

... and 7,099 points, respectively, during the final screening.  
The two defeated consortia were Second **Mobile led** by Kolon and POSCO's Shinsegi Mobile.  
In the beeper section for which 41 consortia...

**38/3,K/16 (Item 8 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01099586 Supplier Number: 40770538 (USE FORMAT 7 FOR FULLTEXT)  
**SPECIAL REPORT: LED SIGNS MARKET PRESENTS OPPORTUNITIES FOR VSATS, SUBCARRIERS, CELLULAR, PAGING**  
Data Broadcasting Report, v4, n12, pN/A  
May, 1989

Language: English    Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count:    1009

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...companies are exploring the potential of utilizing RF bandwidth for transmitting data to fixed and **mobile LED** signs. VSATs, FM radio subcarriers, cellular and paging channels are being used in a variety...

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Set	Items	Description
S1	56891	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	65007	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	123560	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	161793	DESIGNATION?? OR BRAND?? OR PRODUCT?? OR LABEL?? OR NAME?
S5	173610	CORPORATE OR CORPORATION OR BUSINESS OR COMPANY OR COMPANI- ES
S6	11181	SIGNS OR SIGNAGE OR SIGN
S7	59	MARQUEE??
S8	97527	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S9	74255	CHARACTER? OR CHARACTER() STRING?? OR COMPUTER() CODE?? OR C- ODE??
S10	30808	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRIT? OR OVER() WRI- T?
S11	62778	DISPLAY?? OR SCREEN? OR MONITOR?
S12	99857	SCOREBOARD? OR MESSAGE() CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S13	0	(SCORE OR READER) () BOARD??
S14	14275	LED OR LIGHT() EMIT? () DIODE?
S15	1004	LCD OR LCDS OR LIQUID() CRYSTAL() DISPLAY??
S16	46516	ELECTRONIC? OR ELECTRIC
S17	89553	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S18	0	ACTIONGRAPH? OR MOTIONGRAPH? OR MOBILELED OR MOBILE() LED
S19	9	TICKER?? OR STOCKTICKER? OR STOCK() TICKER? OR AUTOSCROLL? - OR NEWSCRAWL OR TEXTSCROLL?
S20	223730	S1:S3
S21	53730	S4 AND S5
S22	156517	S11:S13
S23	38	(S6 OR S7) AND (S14 OR S15 OR S16) AND (S17 OR S19)
S24	3114	S10 AND (S8 OR S9)
S25	0	S20 AND S21 AND S22 AND S23 AND S24
S26	0	S23 AND S24
S27	1003	S24 AND (S20 OR S21)
S28	0	S27 AND S19
S29	163	S27 AND S17
S30	5	S29 AND (FINANCIAL OR QUOTES OR VALUES OR PRICES)
S31	5	RD S30 (unique items)
S32	216	S11:S13 AND S20 AND S24
S33	301	S10(3N) (S8 OR S9)
S34	30462	S11:S13 AND S20
S35	21	S33 AND S34
S36	13	S35 NOT PY=>1996
S37	13	RD S36 (unique items)
S38	21	S23 NOT PY=>1996
S39	21	RD S38 (unique items)
S40	56	(MATCH? OR S10) (3N) (TEXT OR WORDS OR LETTERS) (5N) (S1:S3)
S41	51	S40 NOT (S23 OR S30 OR S35)
S42	38	S41 NOT PY=>1996
S43	38	RD S42 (unique items)
S44	1	(DATABASE OR FILE?) (3N) (S8 OR S9) (S) S10(5N) (S1 OR S2 OR S3)
S45	9	RD S19 (unique items)



31/3,K/1 (Item 1 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00401667 Pira Acc. Num.: 20023946

**Title: JAPAN'S FACSIMILE INDUSTRY'S PRESENT SITUATION AND FUTURE TASKS**

Authors: Tanaka S

Source: Jpn 21st no. 11, Nov. 1994, pp 69, 71

ISSN: 0300-4341

Publication Year: 1994

Document Type: Journal Article

Language: English

...Abstract: expansion which has resulted in 10% of all Japanese telephone subscribers owning fax equipment. Lower **prices** are stimulating personal use, while the maturing **business** market is **characterised** by high-class, network oriented equipment. Although overseas Japanese-backed production is growing in quantity, the production value is tending to decrease. **Product** and technology trends are discussed. The **image** recording method is **moving** from thermal systems to plain paper, with ink jet systems set to predominate. Expansion of the fax service industry is considered. The strategy of makers is mainly aimed at stimulation **replacement** demand in the **business** market. Strategies in the private and overseas markets are discussed.

31/3,K/2 (Item 2 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00227236 Pira Acc. Num.: 9984802 Pira Abstract Numbers: 08-91-PT02210

**Title: THE HIGH PRICE OF PRINT**

Authors: Johnstone H

Source: Bus. Equip. Dig. Mar. 1991, pp 38, 40

Publication Year: 1991

Document Type: Journal Article

Language: English

Abstract: **Prices** on laser and LED printers drop, but **running** costs may be high, often more time consuming and costly than manufacturers' specifications suggest. For...

...speed of 8ppm may apply to simple memos; the rate for a complex mix of **text** and **graphics** may be only lppm. Cost per page rises sharply with amount of print from the **quote** of 6.7p for a simple memo. Manufacturers make printers look more economic than rivals...

... analyses costs of five printers. The cost per copy comprises initial printer cost, cost of **replacing** print drum and toner cartridges, and cost of maintenance contract, calculated for different volumes of...

...Descriptors: **GRAPHICS** ; ...

... **RUNNING** ; ...

... **TEXT** ;

31/3,K/3 (Item 3 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00224134 Pira Acc. Num.: 9883689 Pira Abstract Numbers: 08-91-PT01551

**Title: AT & T TOUCHES THE FUTURE WITH LASER-PRINTED FORMS PROGRAM**

Source: In-Plant Reprod. Electron. Publ. vol. 41, no. 1, Jan. 1991, pp 20-21

Publication Year: 1991

Document Type: Journal Article

Language: English

Abstract: AT and T American Transtech, a subsidiary of American Telephone and Telegraph, specialises in **financial** mail services and forms management programmes for the group. Many of the forms are now produced on Xerox laser printers **instead** of offset presses. Many of the forms are seasonal or event-oriented and the laser...

... management system. Intran, a forms processing system from Xerox, gives the ability to produce sophisticated **graphics** and forms layouts. The system consists of software packages **running** on networked or stand alone Sun microsystems workstations. American Transtech also carries out **financial** printing including dividend checks and MICR **characters** .

...Descriptors: **CHARACTER** ; ...

... **FINANCIAL** ; ...

... **GRAPHICS** ; ...

...MAGNETIC INK **CHARACTER** RECOGNITION...

... **RUNNING** ;

**31/3,K/4 (Item 1 from file: 435)**

DIALOG(R)File 435:Art Abstracts

(c) 2002 The HW Wilson Co. All rts. reserv.

0607671 H.W. WILSON RECORD NUMBER: BART99009968

**La non-indifferente nature**

Bouquet, Stephane

Cahiers du Cinema (Cah Cinema) no531 (Jan. 1999) p. 39-41

DOCUMENT TYPE: Feature Article

ISSN: 0008-011X

...ABSTRACT: s films, which tell almost exclusively unhappy love stories, the settings do not surround the **characters** , serving as backgrounds to scenes; **instead** , they consume the **characters** . This insistence on inscribing man within a place, the Portuguese countryside, is not the only ...

...it. His films have always developed according to a dense network of allusions to and **quotes** from literature and mythology. The writer discusses several of Rocha's films, including Mudar de...

DESCRIPTORS:

...Portugal in **motion pictures**

**31/3,K/5 (Item 2 from file: 435)**

DIALOG(R)File 435:Art Abstracts

(c) 2002 The HW Wilson Co. All rts. reserv.

0302767 H.W. WILSON RECORD NUMBER: BART95005021

**Home front America and the denial of death in MGM's The human comedy {film}**

Anderegg, Michael

Cinema Journal (Cinema J) v. 34 (Fall '94) p. 3-17

DOCUMENT TYPE: Feature Article

ISSN: 0009-7101

...ABSTRACT: the film; its whole thrust is toward a denial of death. The various evasions, confusions, **substitutions** , and transformations that inform the **text** testify to the unbridgeable gap between the sudden death of a young person in war...

...rationalize that death. Under the pressure of war, Hollywood was forced to redefine the American **values** it had so assiduously promoted in the preceding decades.

DESCRIPTORS:

Motion pictures -- ...

... Motion pictures ; ...

...Death in motion pictures

37/3,K/1 (Item 1 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern.  
(c) 2000 CSA. All rts. reserv.

00184508 21-03478  
NEM UGROM FEJEST..  
I would not take the plunge....  
Acsay, Judit (Interviewer)  
Művész (Hungary). vol. 27. pt. 5. (May 1986) p. 10-15. 13 illus. (10 col.)

...this interview Andras Mate discusses the influence on him of his teacher Gyorgy Konecsni, the **time** he worked for MOKEP (the Hungarian Film Trading Company), and his aim of changing the **character** of film-posters, **replacing** the badly copied, smiling American-style figures with a more interesting, **graphic** solution. He concludes that whilst he values anything new and interesting, he follows new trends...

37/3,K/2 (Item 1 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00389750 Pira Acc. Num.: 20013093  
**Title: ELECTRONIC ART AND DESIGN BUYERS GUIDE**  
Authors: Hevenor K  
Source: Electron. Publ. Typeworld vol. 18, no. 9, 24 June 1994, p. 10  
ISSN: 0194-4851  
Publication Year: 1994  
Document Type: Journal Article  
Language: English

...Abstract: of digital photography. There is a requirement for both aesthetic type and fun type. Accessing **graphics** for design has been made easier by the arrival of electronic clip art. The development of cheaper, higher resolution scanners has increased the use of simple **graphics** and line work in print. Use of colour **graphics** and sometimes photographs has been made possible by affordable scanners. Clip art libraries will offer a range of **images** but in general the **images** on offer are suitable for mid-level production rather than for professional publications. Continuous-tone **images** are now available in a variety of production situations through Photo CD technology. Photographic libraries offer a huge range of **images**. Fees can be based on single usage or a one-time fee allowing unlimited access. Many vendors now offer **picture** fonts which produce **graphics** instead of **letters**. There are also an increasing number of applications available for the creation of original artwork.

37/3,K/3 (Item 2 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00344506 Pira Acc. Num.: 10287926 Pira Abstract Numbers: 08-93-PU01295  
**Title: MULTIMEDIA: NEW OPPORTUNITIES FOR PUBLISHERS**  
Authors: Anon  
Source: Rass. Grafica no. 14, 15 Sept. 1992, p. 2  
ISSN: 0033-9687  
Publication Year: 1992  
Document Type: Journal Article  
Language: Italian

Abstract: Advances in multimedia computer and visual **display** technology are opening up new prospects for publishers to utilise their huge databanks. Multimedia hardware is usually a personal computer with enhanced power, with touch- or mouse-operated **monitor**, which integrates **graphics**, **images**, video, audio and animation. The user interacts with the PC to select the information needed. The printed **word** will not be **replaced** but will be more easily accessible. In electronic data processing Apple

Computer is showing the way with its Knowledge Navigator voice-activated PC which can memorise and process sounds and **images** . The CD-ROM disc will be the standard information aid. (Short article)

...Descriptors: COMPUTER **GRAPHICS** ; ...  
... **GRAPHICS** ; ...

... **IMAGE** ; ...

... **MONITOR** ;

37/3,K/4 (Item 3 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00334476 Pira Acc. Num.: 10286152 Pira Abstract Numbers: 08-93-PT00245

**Title: MOVE OVER GUTENBERG. HERE COME DIGITAL COPIERS**

Authors: Hopkinson G

Source: Printers News vol. 52, no. 4, Aug. 1992, pp 6, 8-11, 14

ISSN: 0048-5330

Publication Year: 1992

Document Type: Journal Article

Language: English

...Abstract: livelihoods, so they should embrace the technology. Modern copiers are digital, use PostScript, use toner **instead** of ink, accept **text** and **graphics** from paper, disc or tape, and **image** colour slides or transparencies besides paper. Some scan transparencies or video film, placing **images** into computer generated page layout. Labour-intensive printing, and platemaking chemicals are eliminated; **time** saving may be 50%. Black-and-white short-runs already compete with printing. Colour, at ...

... will follow. Colour copiers can be linked to personal computers, with familiar word processing and **graphics** software. Customers obtain lower costs and rapid service from photocopying shops. Canon copiers dominate; Xerox...

...Descriptors: **GRAPHICS** ; ...

... **IMAGE** ;

37/3,K/5 (Item 4 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00321401 Pira Acc. Num.: 10183892 Pira Abstract Numbers: 08-92-PT03085, 08-92-PU02515

**Title: HOMONYM DETECTION AND RESOLUTION VIA GRAPHICAL ASSOCIATION**

Authors: Anon

Source: Res. Disclosure no. 337, May 1992, p. 347

ISSN: 0374-4353

Publication Year: 1992

Document Type: Journal Article

Language: English

**Title: HOMONYM DETECTION AND RESOLUTION VIA GRAPHICAL ASSOCIATION**

...Abstract: and Resolution Mechanism, enables quick assessment of the appropriateness of a homonym by presenting a **graphical** depiction, easily assessed by the user for correctness. This occurs when the software locates a word in text being electronically edited that matches a group entry in a homonym table; **graphical** depictions of all that word's homonyms may be **displayed** . The original word may be retained, or replaced with a **displayed** homonym, at the user's command, "**word replace**". Normally undetected faulty **word** usage is thus eliminated. (Short article)

...Descriptors: **GRAPHIC** ;

37/3,K/6 (Item 5 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00175972 Pira Acc. Num.: 8239140 Pira Abstract Numbers: 03-88-03146

**Title: INK-JET CODER CUTS DOWNTIME TO 'ZERO'**

Authors: Anon

Source: Packaging (U.S.) vol. 33, no. 7, May 1988, p. 61

ISSN: 0746-3839

Publication Year: 1988

Document Type: Journal Article

Language: English

Abstract: The Denver based food processor, Stokes/Ellis Foods Corp., found a reliable coding solution to **replace** its unreliable embossing **coder**, which has a downtime at 20 hours per month. The old system could cause damage...

... of food cans, leading to staining problems. The Jaime 1000 ink-jet printer from the **Image** Ink Jet Corp. was chosen as a replacement. The Jaime can print 1200 characters per second at line speeds of up to 600 ft per min. **Image** offered good after-service and the Jaime has been operating without downtime for 6 months. Daily start-up takes only 10 mins, and shut-down **time** is 2 mins. Ink costs are \$60 per month and it is estimated that the...

Company Names: **IMAGE** INK JET CORP.

...Descriptors: **IMAGE** ; ...

... **TIME**

37/3,K/7 (Item 6 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00169321 Pira Acc. Num.: 7950258 Pira Abstract Numbers: 05-88-00574

**Title: ALDUS SHOWS PAGEMAKER 3.0**

Authors: Anon

Source: Seybold Rep. Desktop Publ. vol. 2, no. 3, 2 Nov. 1987, pp 53-55

ISSN: 0889-9762

Publication Year: 1987

Document Type: Journal Article

Language: English

...Abstract: PC markets and include a new user interface to allow for cascading, popup, and on **screen** menus, style-sheets, automatic **text** flow, ' **replace** ' option, textwrap, spot color, **image** control for scanned **pictures**, **graphic** input from PC programs, built in templates and bundled fontware. The pricing system is explained...

...Descriptors: **GRAPHIC** ; ...

... **IMAGE** ; ...

... **SCREEN** - **DISPLAY** ;

37/3,K/8 (Item 7 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00148755 Pira Acc. Num.: 7056467 Pira Abstract Numbers: 05-86-01848

**Title: SPACE, COLOUR AND TYPOGRAPHY ON VISUAL DISPLAY TERMINALS**

Authors: van Nes F L

Source: Behav. Inf. Technol. vol. 5, no. 2, Apr./June 1986, pp 99-118

ISSN: 0144-929X

Publication Year: 1986

Document Type: Journal Article

Language: English

**Title: SPACE, COLOUR AND TYPOGRAPHY ON VISUAL DISPLAY TERMINALS**

...Abstract: meet the observed need for rules about layout, the use of colour and typography on **display screens** so as to create texts with optimum legibility. Examples of videotex pages are used to...

...of colour and of letter type. The guidelines can be generalised to other types of **display** such as those used in personal computers and, to a more limited extent, to the use of **graphics instead of text**. Some figures are given on the general public's subjective appreciation of some alternative **display** layouts.

...Descriptors: **DISPLAY** ; ...

... **GRAPHICS** ;

Section Headings: **Display** Characteristics (5065); Social Factors (5012)

**37/3,K/9 (Item 8 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00144019 Pira Acc. Num.: 6855448 Pira Abstract Numbers: 05-86-00942

**Title: COLOUR IN INFORMATION TECHNOLOGY AND VISUAL DISPLAYS**

Authors: Anon

Source: Institution for Electronic and Radio Engineers, International Conference on Colour in Information Technology and Visual Displays, held at the University of Surrey, 27-28 March 1985 [London, UK: Institution of Electronic and Radio Engineers, 9lpp, #25.00 (not in Pira Library)]

Publication Year: 1985

Document Type: Conference Publication

Language: English

**Title: COLOUR IN INFORMATION TECHNOLOGY AND VISUAL DISPLAYS**

Abstract: Session I, on human factors, covers: colour in quantitative and qualitative **display** formats: does colour help? (Reising J M, Emerson T J); Colour contrast calculations for **displays** reviewed in illumination (Laycock J); Uniform colour space - the effect of luminance on the perception of constant line (Greene F A); Human colour vision and natural **images** (Moorhead I R); Derivation of a uniform colour space from discriminative reaction times (Mollon J...

... recognise small objects on a colour CRT (Phillips P L). Session II relates to colour **display** systems, with papers on: What does colour add to a **display** that can't be done in black and white (Hudson P T W); The separation of **characters** by colour **instead** of spacing (Hopkin V D, et al); The application of colour coding to air traffic control **displays** (Narborough-Hall S); The use of colour in enhancing satellite **imagery** of the earth (Mather P M); Application of colour in the presentation of magnetic resonance **images** (Gilderdale D J, Pennock J); Colour **displays** in fisheries: echo-sounding and sonar (Mitson R B); Colour **display** for the Kingfisher computer navigator (Coates R); A versatile stereo viewing system for use with colour **graphics displays** (Harris M R, et al); and Three dimensional colour **graphics** in real- **time** (Rhodes R L, Serra L).

...Descriptors: **DISPLAY** ; ...

... **GRAPHICS** ; ...

... **IMAGE** ; ...

...REAL- **TIME** ;

Section Headings: **Display** Characteristics (5065)

**37/3,K/10 (Item 9 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00132933 Pira Acc. Num.: 6353089 Pira Abstract Numbers: 05-85-01281

**Title: AN IMAGE WHOSE TIME IS FAST ARRIVING**

Authors: Johnston R  
Source: Comput. Weekly no. 956, 28 Mar. 1985, p. 25  
ISSN: 0010-4787  
Publication Year: 1985  
Document Type: Journal Article  
Language: English

**Title: AN IMAGE WHOSE TIME IS FAST ARRIVING**

Abstract: The trend towards storing documents as **images** instead of as **characters** is reviewed. The concept is explained and the potential usefulness of this method of storage...

...Descriptors: **IMAGE** ; ...

... **TIME** ;

**37/3,K/11 (Item 10 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00129516 Pira Acc. Num.: 6226063 Pira Abstract Numbers: 02-85-00814

**Title: SALIENT PROSPECTS IN COMPOSITION TECHNOLOGY: A SUMMARY**

Authors: Wallis L W

Source: Paper presented at REPRO WORKSHOP '84 Conference - the Tenth International London Printing Show and Conference, held 7-8 November 1984, 3pp, [Leatherhead: Pira, 1984 (E20/PM 10389)

Publication Year: 1984

Document Type: Pamphlet; Conference Publication

Language: English

...Abstract: of typographical composition expected in the next three to five years are examined. These include **replacement** of photomatrix **character** stores by digital type, the digitisation of illustrations, raster scan output of integrated text and **graphics**, improvements in video **screen** visibility and interactivity, refined interfacing facilities, in-house microprocessing techniques for typesetter/printer admin and...

...Descriptors: **GRAPHICS** ;

**37/3,K/12 (Item 11 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00119590 Pira Acc. Num.: 5750253 Pira Abstract Numbers: 05-84-01560

**Title: TECHNIQUES FOR INTEGRATED TEXT AND IMAGE PROCESSING AND COMMUNICATION**

Authors: Bergmann B; et al

Source: Final Report, West Germany: Siemens AG, June 1983, 193pp (not in Pira Library)

Publication Year: 1983

Document Type: Report

Language: German

**Title: TECHNIQUES FOR INTEGRATED TEXT AND IMAGE PROCESSING AND COMMUNICATION**

Abstract: Document preparation by an experimental text/ **image** workstation (Textfax) on the basis of a functionally structured, modular multimicrocomputer system is discussed. Techniques were developed to process mixed text/ **image** documents interactively in a single multi-functional workstation and to mail them by means of combined **text** facsimile transmission **instead** of using a **word** processor, copier, pencil, scissors, glue, Teletex, and Telefax. On a raster **display**, A4-documents can be **displayed** with facsimile Group 3 resolution (1728 x 2288 pixels), black and white and gray-scale...

... can be shifted, turned, enlarged and mixed with text of multiple type and size. Printed **images** can be entered by an intelligent scanner and hand **graphics** by a tablet. The documents are locally printed and locally stored using compression codes.



...Descriptors: **DISPLAY** ; ...

... **GRAPHICS** ; ...

... **IMAGE** ;

Section Headings: **Image** Processing (5063); Facsimile Transmission  
(5033)

**37/3,K/13** (Item 1 from file: 435)  
DIALOG(R)File 435:Art Abstracts  
(c) 2002 The HW Wilson Co. All rts. reserv.

0318586 H.W. WILSON RECORD NUMBER: BART95020943  
**Highlander III: the sorcerer (motion picture review)** {Highlander: the  
final dimension}  
Tunney, Tom reviewer  
Sight & Sound (Sight Sound) ns5 (Mar. '95) p. 37-8  
DOCUMENT TYPE: Motion Picture Review Reviews  
ISSN: 0037-4806

**Highlander III: the sorcerer (motion picture review)**

...ABSTRACT: basically a sword-and-sorcery saga even further into  
science-fiction territory is understandable, but **instead** the **script**  
offers no more than a rehash. This film lacks the second film's manic  
energy...

...a clumsy exposition that it becomes an object lesson in how not to  
construct a **screenplay** .

DESCRIPTORS:  
Motion **picture** reviews...

39/3,K/1 (Item 1 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern  
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00229929 25-04098

**SIGNS** OF THE TIMES: A CONVERSATION WITH MARY CARTER, DIRECTOR OF THE  
MUSEUM OF NEON ART  
Maleski, Stash (Interviewer)  
Artweek (U.S.A.). vol. 24. pt. 3. (4 Feb. 1993) p. 34. (2 col.)

**SIGNS** OF THE TIMES: A CONVERSATION WITH MARY CARTER, DIRECTOR OF THE  
MUSEUM OF NEON ART

...Museum to display fine art which employs electricity in the form of  
neon, kinetic and **electric** art, and to document and preserve neon **signs**  
. She considers the reasons behind the Museum's forthcoming **move** from  
downtown Los Angeles to Universal City, and describes the advantages of the  
new exhibition...

...offered by neon art, she concludes with an examination of the reaction  
of spectators to **electric** and kinetic art.

...DESCRIPTORS: and Galleries, U.S.A.; Light Art; Los Angeles: Museum of  
Neon Art; electricity; neon; **signs** and **sign** -boards; Kinetic Art;  
Spirituality and Art

39/3,K/2 (Item 2 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern  
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00215415 23-06449

CHANGE OF FACE  
Murphy, Dominic  
Creative Review (U.K.). vol. 11. pt. 10. (Oct. 1991) p. 25. (3 col.)

Under the art direction of Dave May, designer Jonathan Barnbrook and  
**animator** David Lodge have ushered in a new era of typography with their  
television advertisements for Nuclear **Electric**. The commercials use  
inventive **signs** coupled with type to reinforce the scientific image of  
the product and supplier. It is...

...with diverse backgrounds, more unusual projects such as the 'software'  
and 'hardware' ads for Nuclear **Electric** will emerge.

DESCRIPTORS: Barnbrook, David; Typography, British Isles; advertising; May,  
Dave; Lodge, David; television; **signs** and symbols; technology

39/3,K/3 (Item 3 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern  
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00207655 23-02292

MATERIAL MATTERS  
Osborne, John  
Design Week (U.K.). vol. 6. pt. 4. (1 Feb. 1991) p. 20-1. 3 illus.

Stating that the demand is rising for high quality durable **signage**,  
and that clients are **moving** back to quality long wearing materials, the  
author goes on to consider the advantages of vinyl sheet for all aspects of  
**signage**. **Sign** makers believe that **signage** should be integrated with  
the architecture of the building, instead of the last minute afterthought  
that it often is. Also mentioned is the soon to be announced 3M **Electronic**  
Graphics System which utilizes an electrostatic printer to produce a short  
**run**, four-colour graphics to replace screen printing for short runs.

DESCRIPTORS: Graphic Design, 20th century; **signs** and **sign** -boards;  
Architecture and Art

39/3,K/4 (Item 4 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern  
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00198107 22-01524  
DALI'S LAWYER TAKES A STAND  
Cone, Tim  
Arts Magazine (U.S.A.). vol. 64. pt. 9. (May 1990) p. 29-30. 1 illus.

...life, Salvador Dali was careful to protect his name and his work by taking legal **action** against anyone who exploited them in an unauthorized manner. However, in 1976, he agreed to **sign** 17,500 blank sheets to be used to produce lithographs in settlement of a contract. The existence of these blank sheets **led** to rumours, which enabled fraudulent dealers to exploit the situation. After Dali's health failed...

...his work became lucrative, and his legal representative Michael Stout was forced to take legal **action** against the perpetrators of the fraud. His co-operation with fraud prosecutors, his acuity as a witness and his vigorous and convincing defence of Dali's reputation have **led** to a greater awareness of the problems of art fraud and the methods used to...

39/3,K/5 (Item 5 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern  
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00152396 18-01808  
THE MAIN **STREAM** AND BRANCH OF THE GRAPHIC DESIGN FOR THE LATEST 25 YEARS IN EUROPE  
STANKOWSKI, A.  
IDEA (JAPAN), NO. 150, VOL. 26 (SEPT. 1978), P. 136-9. ALSO IN JAPANESE. 11 ILLUS.

THE MAIN **STREAM** AND BRANCH OF THE GRAPHIC DESIGN FOR THE LATEST 25 YEARS IN EUROPE

...SINCE THE 1950S IN EUROPEAN GRAPHIC DESIGN. NEW MATERIALS BEGAN TO BE USED AND THESE **LED** TO A WIDER APPLICATION OF GRAPHIC DESIGN, PARTICULARLY IN ADVERTISING BROCHURES. IN RECENT YEARS GRAPHIC DESIGNERS HAVE STARTED TO WORK IN COLLABORATION WITH ARCHITECTS ON **SIGN** SYSTEMS FOR BUILDINGS. PHOTOGRAPHY REPLACED SKETCHES AS THE BASIS FOR DESIGNS, WHILE HANDWRITING OFTEN REPLACED...

39/3,K/6 (Item 6 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern  
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00148184 17-06028  
JENNY HOLZER'S LANGUAGE GAMES  
SIEGEL, J. (INTERVIEWER)  
ARTS MAGAZINE (U.S.A.), VOL. 60, PT. 4 (DEC. 1985), P. 64-8. 6 ILLUS.

...ON ANY AND EVERY SUBJECT BUT ART, AND MOST OFTEN ON POLITICS. SHE DISCUSSES HER **MOVE** INTO TRUISM FROM ABSTRACT ART, THE TECHNICAL PROBLEMS OF PROGRAMMING **ELECTRONIC SIGNS**, WHICH ALONG WITH T-SHIRTS ARE ONE OF HER FAVOURED MEDIA, AND HER PLANS TO...

39/3,K/7 (Item 7 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern  
(c) 2000 CSA. All rts. reserv.

00144467 17-01748  
OEUVRES FUTURISTES DU MUSEUM OF MODERN ART, N.Y.: CENTRE GEORGES-POMPIDOU, 16 AVRIL-15 SEPTEMBRE 1980  
FUTURIST WORKS OF THE MUSEUM OF MODERN ART, N.Y.: POMPIDOU CENTRE, 16

APRIL-15 SEPT. 1980  
BLUMENKRANZ-ONIMUS, N.  
REVUE D'ESTHETIQUE (FRANCE), PT. 3-4 (1980), P. 342-9.

...AUTHOR COMMENTS ON THE SURPRISING OMISSIONS: BALLA, A MAJOR FUTURIST, WAS ONLY REPRESENTED BY THE ' **ELECTRIC** LIGHT' (1909) AND THREE SKETCHES ON THE SAME THEME. HOWEVER, THERE WERE ENOUGH WORKS IN...

...MAINLY SHOWED ATTEMPTS TO TRANSLATE THE PAINTER'S STATE OF MIND PICTORIALLY, BUT THERE WERE **SIGNS** OF A TENDENCY TO REPRESENT THE UNIVERSAL DYNAMISM BY THE EXPANSION OF COLOURS AND THE...

...OF 1912, LIKE SEVERINI'S 'DYNAMIC HIEROGLYPH OF THE TABARIN BALL', RUSSOLO'S 'AUTOMOBILE IN **MOTION** ' AND BOCCIONI'S SCULPTURE 'DEVELOPMENT OF A BOTTLE IN SPACE' SHOW THE ADVANCE IN THE...

**39/3,K/8 (Item 8 from file: 56)**  
DIALOG(R)File 56:ARTbibliographies Modern  
(c) 2000 CSA. All rts. reserv.

00089594 10-03320  
WINOLD REISS (1888-1953)  
FENN, F.  
SOUTHWEST ART (U.S.A.), VOL. 8, PT. 1 (JUNE 1978), P. 32-7. IN ENGLISH. 5  
ILLUS.

...WHO TRAINED AT MUNICH WITH FRANS VON STUCK. HIS DESIRE TO PAINT THE AMERICAN INDIAN **LED** HIM TO **MOVE** TO THE U.S.A. IN 1913, WHERE HIS NATIONALITY AND ACCENT CREATED PROBLEMS FOR...

...YEARS. HE FOUND WORK DURING THIS PERIOD AS A TEACHER OF ART AND PAINTER OF **SIGNS** AND BILLBOARDS, BUT HIS FIRST REAL SUCCESS CAME WITH HIS DESIGNS FOR THE DECORATION OF...

**39/3,K/9 (Item 1 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts.. reserv.

00395073 Pira Acc. Num.: 20018645  
**Title: NEW BROADCAST AND COMMUNICATION MEDIA**  
Authors: Snoddy R; Adonis A; Kehoe L; Donald C; Murray C; Nakamoto M  
Source: Financ. Times no. 32,488, 4 Oct. 1994, survey pp I-VI  
Publication Year: 1994  
Document Type: Newspaper Article; Journal Article  
Language: English

...Abstract: entertainment is gathering pace throughout the developed and even the developing worlds. There are frequent **signs** that the long predicted convergence between entertainment, computing and telecommunications is at last happening. Articles...

... satellite wars; the fight back by BSkyB; the potential of Internet; the Polish media market; **action** on media control in Germany; and the hope multimedia offers for a Japanese **electronics** revival.

**39/3,K/10 (Item 2 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00326817 Pira Acc. Num.: 10139164 Pira Abstract Numbers: 03-92-04568  
**Title: PLAYING IT SAFE ON THE LINE**  
Authors: Pierce L M  
Source: Packag. (U.S.) vol. 37, no. 7, June 1992, pp 49-50  
ISSN: 0746-3839  
Publication Year: 1992

Document Type: Journal Article  
Language: English

...Abstract: The first step is to identify risks, whether from harmful substances or machinery risks; repetitive **motion** disorders can be a problem, reduced by careful machine design. Safety devices include **electronic** machine guarding, interlocking guards or entirely enclosed packaging lines. Certain plant safety standards are mandated...

... non-English speakers are involved; oral and written safety instructions must be understood. Multiple language **signs**, pictograms or bilingual safety officers could help safety standards to be enforced.

39/3,K/11 (Item 3 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00318178 Pira Acc. Num.: 10183253 Pira Abstract Numbers: 08-92-PU02305  
**Title: PLEASE DO NOT ADJUST YOUR SCREEN**  
Authors: Fox B  
Source: New Sci. vol. 134, no. 1820, 9 May 1992, pp 24-27  
ISSN: 0028-6664  
Publication Year: 1992  
Document Type: Journal Article  
Language: English

...Abstract: broadcast the 1992 Olympic Games in Barcelona, Spain, to more than 600 sites, in a **move** to whet people's appetites for the launch of a public HDTV service in 1995...

... a domestic product is that the technology of display screens lags far behind that of **electronic** transmission. Manufacturers cannot produce TV screens cheap enough for the home, that do justice to the high-quality signal of an HDTV broadcast and there is still no **sign** of a breakthrough.

39/3,K/12 (Item 4 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00317878 Pira Acc. Num.: 10182952 Pira Abstract Numbers: 08-92-PU02074  
**Title: DONNELLEY, COMPTON JOIN IN ELECTRONIC PUBLISHING PUSH**  
Authors: Anon  
Source: Publ. Wkly vol. 239, no. 18, 13 Apr. 1992, p. 9  
ISSN: 0000-0019  
Publication Year: 1992  
Document Type: Journal Article  
Language: English

**Title: DONNELLEY, COMPTON JOIN IN ELECTRONIC PUBLISHING PUSH**

...Abstract: develop CD-ROM and multimedia versions of printed matter for a number of publishers. The **move** is seen as a **sign** that publishing has a future in the **electronic** age. (Short article)

39/3,K/13 (Item 5 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00305783 Pira Acc. Num.: 10180433 Pira Abstract Numbers: 08-92-PT01290  
**Title: COMPUTER BRINGS CHEAP TRICKS TO THE SCREEN**  
Authors: Fox B  
Source: New Sci. vol. 132, no. 1799, 14 Dec. 1991, p. 23  
ISSN: 0028-6664  
Publication Year: 1991  
Document Type: Journal Article  
Language: English

...Abstract: cinema to produce Digital Opticals for Movies or Domino. Movie film is converted into digital **electronic** images stored on computer hard discs at twice the resolution of high-definition TV. Up...

...of over 100 megabytes per second. More than 100 million calculations per second are undertaken. **Electronic** airbrushes are used to remove television aerials and road **signs** from screen images or to add **moving** images. The system should be ready by the second half of 1992 and is likely ...

**39/3,K/14 (Item 6 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00293160 Pira Acc. Num.: 41400026  
**Title: SYNERGISM: PHOTOGRAPHY INTO THE 21ST CENTURY**  
Authors: Whiteley T E; Landholm R A; Kelly A M  
Source: J. Soc. fotogr. Sci. Technol. 53, (2), 95-105  
Publication Year: 1990  
Document Type: Journal Article  
Language: English

Abstract: The probable future relationships between silver halide and **electronic** photography are discussed, so far as still images are concerned. In the US, the number...

...of 6.4% per year for the past 75 years, and the totals show no **sign** of departing from this relationship; further, the colour film speeds at first introduction of chrome, **motion** or negative films has shown an approximate doubling every seven years since 1935. It is...

... the silver halide systems will ensure that they maintain a marked superiority in performance over **electronic** methods for a long time ahead. It is also stressed that innovations in **electronic** systems tend to cause already existing methods to become obsolete very rapidly, whereas photographic negatives...

...Descriptors: **Electronic** photography

**39/3,K/15 (Item 7 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00217969 Pira Acc. Num.: 9681414 Pira Abstract Numbers: 08-91-PU00134  
**Title: MACINTOSH CLASSIC**  
Authors: Jackson P  
Source: Pers. Comput. World vol. 13, no. 11, Nov. 1990, pp 130-132  
Publication Year: 1990  
Document Type: Journal Article  
Language: English

...Abstract: only room at the front for a single floppy drive. At the rear, there are **signs** of major changes. The mouse socket has been replaced by an Apple Desktop Bus (ADP...

... SCSI, RS423 and sound). The interior has been made still emptier by rationalisation of the **electronics**. RAM extension sockets are provided. A Super Wozinaik Integrated machine (SWIM) looks after the discs. The processor is the 68000, **running** at 8MHz, the same as an AT. In its simplest form it sells for \$595.

...Descriptors: **ELECTRONIC** ; ...

... **RUNNING** ;

**39/3,K/16 (Item 8 from file: 248)**

DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00175919 Pira Acc. Num.: 8239087 Pira Abstract Numbers: 03-88-03185  
**Title: TRANSPORTING HAZARDOUS GOODS BY ROAD: REPORT PREPARED BY AN OECD SCIENTIFIC EXPERTS GROUP**  
Authors: Anon  
Source: Paris, France: OECD, 1988, 144pp #11.20 (621.798.017. 3) (1573)  
Publication Year: 1988  
Document Type: Book  
Language: English

Abstract: The report reviews the problems and hazards of **moving** dangerous goods by road, including an examination of the products that are transported, and observations...

... road accidents and risk assessment methodologies; Chapter 3 describes routes choice and designation, road design, **signs** and tunnel management; Chapter 4 reviews existing information needs and sources, including **electronic** databases; Chapter 5 focuses on accident prevention and management of personnel in transport and Chapter...

...Descriptors: **ELECTRONIC** ;

**39/3,K/17 (Item 9 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00175207 Pira Acc. Num.: 8227381 Pira Abstract Numbers: 02-88-02487  
**Title: JAPANESE PRINTERS DRAW EC FINES IN DUMPING CASE**  
Authors: Wolf J  
Source: Wall St. J. vol. 6, no. 81, 27-28 May 1988, p. 2  
Publication Year: 1988  
Document Type: Journal Article; Newspaper Article  
Language: English

...Abstract: computer printers following a large enquiry into the \$1.75 billion European printer market. The **move** is seen as a **sign** of increasing friction between Japan and the EEC as Japanese exports to the Community have nearly quadrupled in recent years to reach the 1987 figure of \$1.3 billion. The **Electronic** Industries Association of Japan has denied that Japanese producers are dumping in Europe. (Short article)

...Company Names: **ELECTRONIC** INDUSTRIES ASSOCIATION OF JAPAN

**39/3,K/18 (Item 10 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00162301 Pira Acc. Num.: 7658992 Pira Abstract Numbers: 05-87-01720  
**Title: PICTURE TELEPHONE WITH DIRECT VISUAL CONTACT**  
Authors: Bersch A  
Source: Nachr. Elektron. Telematik vol. 41, no. 6, June 1987, pp 235-237  
ISSN: 0723-8703  
Publication Year: 1987  
Document Type: Journal Article  
Language: German

...Abstract: great interest in the concept of visual information exchange. Problems involved in the transmission of **moving** pictures are discussed. Wideband networks will be needed for picture telephones. Video conferences offer a...

... scale test within the BIGFON project are positive. For example, deaf people can communicate in **sign** language over such a link. Literature references, diagrams and a photograph are included.

Company Names: STANDARD **ELECTRIC** LORENZ

39/3,K/19 (Item 11 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00131053 Pira Acc. Num.: 6252890 Pira Abstract Numbers: 05-85-01098

**Title: DISC SIGNS JAPANESE VIDEOTEX LICENSING AGREEMENT; STARTS TV RATINGS DELIVERY**

Authors: Anon

Source: Int. Videotex Teletext News no. 69, Feb. 1985, p. 5

ISSN: 0197-677X

Publication Year: 1985

Document Type: Journal Article

Language: English

**Title: DISC SIGNS JAPANESE VIDEOTEX LICENSING AGREEMENT; STARTS TV RATINGS DELIVERY**

...Abstract: character set for the package are outlined. A new US TV ratings service from Audits, **run** on DISC's Prestel-based Viewbase software, is announced. A Prime computer collects **electronically** polled viewership data from 'PeopleMeter' boxes placed at 350 Boston area homes and distributes the...

...Descriptors: **ELECTRONICALLY** ; ...

... **RUN** ;

39/3,K/20 (Item 12 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00080832 Pira Acc. Num.: 40806902

**Title: METHOD AND APPARATUS FOR VISUAL TELECOMMUNICATIONS, IN PARTICULAR FOR USE BY THE DEAF**

Authors: Abramatic Jean-Francoi; Nadler Morton; Letellier Philippe

Patent Assignee: INRIA INSTITUTE NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE

Patent Number: US 4546383 Application Date: 851008

Document Type: Patent

Language: unspecified

Abstract: In a system for visual telecommunications, e.g. for use by deaf people, an **electronic** camera (20) makes an image of a **moving** subject for transmission. The TV type image is passed through a contour extractor (25) to be converted to an **animated** cartoon line-drawing type image. The contour image is then compressed by means including a...

... received words and reconstitutes the successive images for display on a screen (46). The resulting **animated** cartoon type of display is adequate for communication by **sign** language or by lip reading, and is capable of being sufficiently compressed to be transmitted...

39/3,K/21 (Item 1 from file: 435)

DIALOG(R)File 435:Art Abstracts

(c) 2002 The HW Wilson Co. All rts. reserv.

0616595 H.W. WILSON RECORD NUMBER: BART95009345

**Net assets** {Internet art galleries}

Goodman, Jonathan

Art News (Art News) v. 94 (Apr. 1995) p. 36

DOCUMENT TYPE: Feature Article

ISSN: 0004-3273

ABSTRACT: Three new galleries that present art over the Internet are showing **signs** of success. The Rhombus Internet Gallery, based in Burlington, Vermont, is **run** by Matt Strauss and Mark Hatt Harter, who say that some 75,000 people visited...



...Lile Elam's Art on the Net, founded to help artists create and show art **electronically** , says access to her gallery is growing by 500 "hits" a week. Mary Ann Kearns...

**43/3,K/1 (Item 1 from file: 56)**

DIALOG(R)File 56:ARTbibliographies Modern  
(c) 2000 CSA. All rts. reserv.

00262932 27-08505

WOORD & BEELD: VAN STRIJD TOT SYNTHESIS

Word & image: from conflict to synthesis

Schweitzer, Paul

Focus (Netherlands). pt. 10. (Oct. 1995 Supp.) p. 10-13. 6 illus.

Discusses the emergence of a trend in contemporary advertising as **images** take on a more prominent role, **replacing words** as the primary mode of communication. The author traces the beginnings of this tendency back...

**43/3,K/2 (Item 2 from file: 56)**

DIALOG(R)File 56:ARTbibliographies Modern  
(c) 2000 CSA. All rts. reserv.

00244900 26-01143

REVIEW: TURNING THE TIDE ON TYPE

Blackwell, Lewis

Creative Review (U.K.). vol. 14. pt. 2. (Feb. 1994) p. 59. 3 illus. (2 col.)

...for the magazines' typical readership who are reluctant to read a page of solid, regular **text**, preferring **instead** to flick through **images** in no particular order.

**43/3,K/3 (Item 3 from file: 56)**

DIALOG(R)File 56:ARTbibliographies Modern  
(c) 2000 CSA. All rts. reserv.

00218398 24-03119

DISCOVERY ROAD

Burney, Jan

Creative Review (U.K.). vol. 12. pt. 6. (June 1992) p. 19-20. (7 col.)

...participation and not conventional description of how things work. The designers have used as few **words** as possible, **instead** colourful **graphics** and murals have been employed to attract attention and to be intelligible to those whose...

**43/3,K/4 (Item 4 from file: 56)**

DIALOG(R)File 56:ARTbibliographies Modern  
(c) 2000 CSA. All rts. reserv.

00183976 21-04033

TURNING JAPANESE (IN)

Welchman, John C.

Artforum (U.S.A.). vol. 27. pt. 8. (April 1989) p. 152-6. 5 illus. bibliog.

...organizations. Neidich's intention is explained as being to undermine the assertiveness of the newspaper **image - text** as a historical record, and to look **instead** at a wide range of **graphic** materials which are more effective in giving an accurate description of the environments, social relationships...

**43/3,K/5 (Item 5 from file: 56)**

DIALOG(R)File 56:ARTbibliographies Modern  
(c) 2000 CSA. All rts. reserv.

00148510 17-05702

FRAMPTON'S SIEVE

MICHELSON, A.  
OCTOBER (U.S.A.), NO. 32 (SPRING 1985), P. 151-66. 7 ILLUS.

...GARDE MOVEMENT - A DIALOGUE WITH CONTEMPORARY THEORY OF LANGUAGE AND NARRATIVE. DURING THIS PERIOD, THE **IMAGE** IS **REPLACED** UPON THE SCREEN BY **TEXT**, AND 'SERIAL ORDERING OF THE HETEROGENEOUS IS REPLACED BY THE CONSTRUCTION OF A DIEGETIC CHAIN...

**43/3,K/6** (Item 6 from file: 56)  
DIALOG(R)File 56:ARTbibliographies Modern  
(c) 2000 CSA. All rts. reserv.

00064066 07-00039  
E TOSCANO, METTE LE PAROLE ANCHE NEI QUADRI  
HE IS TUSCAN, HE PUTS WORDS EVEN IN HIS PAINTINGS  
JANUS  
BOLAFFIARTE (ITALY), NO. 45, VOL. 5 (DEC. 1974), P. 40, 119. 5 ILLUS.

...IN SUCH A WAY AS TO CONVEY A SENSE OF RECIPROCAL RESPONSIBILITY. THE INCLUSION OF **WORDS** IN THESE **PICTURES** ENHANCES THEIR LEXICAL SENSE - THE **WORDS** ACT EITHER AS **SUBSTITUTES** FOR THE PICTORIAL **IMAGES** OR AS SUPPORTS TO THEM.

**43/3,K/7** (Item 1 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00426461 Pira Acc. Num.: 20039739  
**Title: MULTIMEDIA? FIRST GET TO GRIPS WITH DIGITAL DATA**  
Authors: Le Graverend P  
Source: Fr. Graphique no. 106, Aug.-Sept. 1995, pp 13-22  
ISSN: 0015-9565  
Publication Year: 1995  
Document Type: Journal Article  
Language: French

...Abstract: pre-media", rather than a prepress, stage are discussed. Entry into the multimedia era, via **text** and **image** integration and **substituting** files for films, and the secrets of success are also considered. The views of a...

**43/3,K/8** (Item 2 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00415294 Pira Acc. Num.: 20035736  
**Title: WORKGROUP COLOUR PRINTERS: MAKING THE CHOICES**  
Authors: Spencer D R; Haller P J  
Source: Seybold Rep. Desktop Publ. vol. 9, no. 11, 17 July 1995, pp 18-25  
ISSN: 0889-9762  
Publication Year: 1995  
Document Type: Journal Article  
Language: English

...Abstract: own advantages and disadvantages and several key quality issues need to be considered such as **text**, lines, tints and blends, colour gamut, colour **matching**, computer **graphics**, business graphics and scanned images. A system of standardised testing is introduced and products produced...

**43/3,K/9** (Item 3 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00397214 Pira Acc. Num.: 20021001

**Title: TEKTRONIC OFFERS 600-DPI, \$8,995 COLOUR LASER PRINTER**

Authors: Anon

Source: Seybold Rep. Desktop Publ. vol. 9, no. 3, 21 Nov. 1994, pp 17-18

ISSN: 0889-9762

Publication Year: 1994

Document Type: Journal Article

Language: English

...Abstract: including an optional scanner. The printer offers 300 and 600 dpi resolution, available for both **text** and photographic **images** and line **graphics**. A monocomponent toner system is used **instead** of a dual-component system. Tektronix's TekColor technology is used to provide colour correction...

**43/3,K/10 (Item 4 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00382891 Pira Acc. Num.: 20005909

**Title: NETWORKING IN THE MITTEL RheIN-Verlag Publishing House in Koblenz**

Authors: Karbach R

Source: Newspaper. Tech. Feb. 1994, pp 16-17

ISSN: 0019-333X

Publication Year: 1994

Document Type: Journal Article

Language: English

...Abstract: local editorial departments producing the remainder. The Cicero editorial system ensures all staff can access **text**, **pictures**, agency reports, and accept advertisements. **Replacing** large-scale Siemens computer communication between departments with Cicero demanded changes in production sequences and...

**43/3,K/11 (Item 5 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00360586 Pira Acc. Num.: 10280466 Pira Abstract Numbers: 08-93-PU02713

**Title: A NEW DIMENSION FOR THE PERSONAL COMPUTER**

Authors: Kamenzky H-E

Source: Nachr. Elektron. Telematik vol. 47, no. 5, May 1993, pp 208-210

ISSN: 0723-8703

Publication Year: 1993

Document Type: Journal Article

Language: German

...Abstract: the personal computer world, and offers a new dimension in personal computing. Linking data and **text**-processing systems and centring **text** and **graphics** has already been achieved in desktop publishing. The **matching** -in of television pictures is rather more difficult, and video source integration poses even more...

**43/3,K/12 (Item 6 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00341096 Pira Acc. Num.: 10287304 Pira Abstract Numbers: 08-93-PT00872

**Title: MAGIC OF THE FILMS**

Authors: Langford J

Source: Print. Ind. Nov. 1992, p. 20

ISSN: 0307-7195

Publication Year: 1992

Document Type: Journal Article

Language: English

Abstract: Film is not being **replaced** as a **text** and **graphic images** medium. Increasingly it **replaces** paste-up and cameras, and growing use of colour has increased film usage fourfold. Film...

**43/3,K/13** (Item 7 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00304178 Pira Acc. Num.: 10180085 Pira Abstract Numbers: 08-92-PU00755

**Title: EVERY LETTER TELLS A STORY**

Authors: Shushan R; Wright D

Source: Publish vol. 6, no. 12, Dec. 1991, p. 36

ISSN: 0897-6007

Publication Year: 1991

Document Type: Journal Article

Language: English

...Abstract: traditional letter forms can be done using digitised typefaces and can offer a radical new **image** for advertising and marketing purposes. **Replacing** selected **letters** with an object shaped like the letter it stands for produces a pictographic letter which...

**43/3,K/14** (Item 8 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00303040 Pira Acc. Num.: 10189644 Pira Abstract Numbers: 08-92-PT00580

**Title: GREENAWAYS BUYS #1M PAT SYSTEM**

Authors: Anon

Source: Lithowee vol. 13, no. 45, 12 Nov. 1991, p. 4

ISSN: 0264-732X

Publication Year: 1991

Document Type: Journal Article

Language: English

...Abstract: used for text and pagination in co-ordination with a Kodak Signature system and 3M **Matchprint** system. **Text** and **graphics** are sent from London via modem to the PAT system at Stroud for colour output...

**43/3,K/15** (Item 9 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00300602 Pira Acc. Num.: 10135314 Pira Abstract Numbers: 03-92-00021

**Title: SLOW RECESSION RECOVERY FOR CONVERTING INDUSTRY**

Authors: Anon

Source: Pap. Film Foil Converter vol. 65, no. 9, Sept. 1991, pp 39-42

ISSN: 0031-1138

Publication Year: 1991

Document Type: Journal Article

Language: English

...Abstract: rise only 2.4% over the next four quarters. Technology trends mean that telecommunication of **text** and **graphics** between clients and end users is **replacing** hard copy. The flexible packaging industry could reach \$15bn by 1995 and the printing business...

**43/3,K/16** (Item 10 from file: 248)

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00234961 Pira Acc. Num.: 10087491 Pira Abstract Numbers: 08-91-PU03088

**Title: FRAMEMAKER 3.0: HOT NEW CONTENDER**

Authors: Anon

Source: Seybold Rep. Desktop Publ. vol. 5, no. 12, 5 Aug. 1991, pp 18-21

Publication Year: 1991

Document Type: Journal Article

Language: English

...Abstract: use, and is well integrated into FrameMaker. The table programme has many features and supports **graphics**, searching and **replacing text** strings, footnotes, and full hyphenation/justification. The features of the table programme are examined. The...

**43/3,K/17 (Item 11 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00233114 Pira Acc. Num.: 10085641 Pira Abstract Numbers: 08-91-PU02212

**Title: PAGEMAKER 4.0**

Authors: Dallas K

Source: Prepress vol. 1, no. 11, May 1991, pp 460-461

Publication Year: 1991

Document Type: Journal Article

Language: English

...Abstract: and formatting, tables of contents and indices, text rotation, soft colour separated output, search and **replace** of formatting and links with originals of imported **text** and **graphics**. The story, or **text**, editor is the most useful improvement and an excellent word processor with all the usual...

**43/3,K/18 (Item 12 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00232980 Pira Acc. Num.: 10085506 Pira Abstract Numbers: 08-91-PU02211

**Title: FACE OFF: PAGEMAKER VS VENTURA**

Authors: Whyte C; Jantz R

Source: PC World vol. 9, no. 6, June 1991, pp 190-195

ISSN: 0737-8939

Publication Year: 1991

Document Type: Journal Article

Language: English

...Abstract: programmes in handling key tasks is examined. Two experts used the programmes to create rotated **text**, wrap **text** around a **graphic**, find and **replace text**, add a **graphic** with a caption, add numbers to headings, and create a table of contents. PageMaker is...

**43/3,K/19 (Item 13 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00227240 Pira Acc. Num.: 9984806 Pira Abstract Numbers: 08-91-PT02336

**Title: MOVE INTO THE COLOUR MARKET**

Authors: Anon

Source: Off. Equip. News Apr. 1991, p. 42

ISSN: 0030-0187

Publication Year: 1991

Document Type: Journal Article

Language: English

...Abstract: image editing and colour manipulation. The four-in-one colour ribbon cartridge is easy to **replace**. Black **text** and **graphics** may be changed into any four of the preset 28 colours, and colour may be ...

**43/3,K/20 (Item 14 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00217736 Pira Acc. Num.: 9681181 Pira Abstract Numbers: 08-91-PT00161,  
08-91-PU00152

**Title: XEROX CHEMICAL ILLUSTRATOR SOFTWARE**

Authors: Anon  
Source: Typeworld vol. 14, no. 19, first Oct. 1990, p. 12  
ISSN: 0194-4851  
Publication Year: 1990  
Document Type: Journal Article  
Language: English

...Abstract: creating and editing within the document, complex representations of chemical formulae and structures, incorporating vector **graphics** and **text**, instead of drawing them by hand. It may be customised. It runs on Xerox 6085 workstations...

**43/3,K/21 (Item 15 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00210345 Pira Acc. Num.: 9456242 Pira Abstract Numbers: 05-90-01449

**Title: OCR: WHAT'S NEEDED NEXT**

Authors: Balban M  
Source: Datamation vol. 36, no. 8, 15 Apr. 1990, pp 98-99  
ISSN: 0011-6963  
Publication Year: 1990  
Document Type: Journal Article  
Language: English

...Abstract: image acquisition and manipulation of the digital files derived from them. The ability to merge **text** information with related **image** files poses other OCR challenges. Matrix **matching** and feature extraction are two popular OCR techniques. The matrix matching font recognition technique compares...

**43/3,K/22 (Item 16 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00189437 Pira Acc. Num.: 8753534 Pira Abstract Numbers: 05-89-01370

**Title: SUPERBASE 4**

Authors: Baran N  
Source: Byte vol. 14, no. 3, Mar. 1989, pp 221-222, 224  
ISSN: 0360-5280  
Publication Year: 1989  
Document Type: Journal Article  
Language: English

...Abstract: several faults. GEM, the environment which Superbase runs under, does not support expanded memory, so **graphics images** cannot be handled satisfactorily. Superbase searches for **text** strings by **matching** lines and it will not find a text string on multiple lines. Searches are also...

**43/3,K/23 (Item 17 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00182875 Pira Acc. Num.: 8529127 Pira Abstract Numbers: 02-89-00931

**Title: DIRECT MAIL PACKAGES: DESIGN THAT SELLS**

Authors: Tyson E  
Source: Folio vol. 17, no. 10, Oct. 1988, pp 164, 165, 167, 168, 171  
ISSN: 0046-4333  
Publication Year: 1988  
Document Type: Journal Article  
Language: English

...Abstract: the right type; the use of colour to add interest and emphasis; the use of **pictures** instead of **text** and the creation of a flowing design so that all folded package components work logically...

**43/3,K/24 (Item 18 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00181080 Pira Acc. Num.: 8452256 Pira Abstract Numbers: 05-89-00186  
**Title: BRINGING HALFTONES TO THE SCREEN - GRAY-SCALE MONITORS OFFER BIG GAINS TO DESKTOP PUBLISHING**  
Authors: Cavuoto J  
Source: Comput. Graphics World vol. 11, no. 9, Sept. 1988, pp 41-43  
ISSN: 0271-4159  
Publication Year: 1988  
Document Type: Journal Article  
Language: English

...Abstract: and are useful when working with 3D objects. They improve the appearance of on-screen **text** and **graphics** to **match** laser printer output more closely than conventional monitors. The Macintosh II, as the leading microcomputer...

**43/3,K/25 (Item 19 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00175327 Pira Acc. Num.: 8227502 Pira Abstract Numbers: 02-88-02453  
**Title: COMPUGRAPHIC CHANGES COURSE**  
Authors: Anon  
Source: Print. World vol. 222, no. 9, 1 June 1988, p. 12  
ISSN: 0032-8715  
Publication Year: 1988  
Document Type: Journal Article  
Language: English

...Abstract: the remaining 17%. Mosaic, the first colour prepress system to offer fully integrated composition for **text** and **graphics** is launched. **Instead** of selling standard products, systems will be customised to suit purchaser's requirements for complete...

**43/3,K/26 (Item 20 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00170079 Pira Acc. Num.: 8025761 Pira Abstract Numbers: 02-88-01002  
**Title: SPOTLIGHT ON ISDN - THE UNIVERSAL NETWORK OF THE 1990S**  
Authors: Fuchs B  
Source: Newspap. Tech. Jan. 1988, pp 60-65  
ISSN: 0019-333X  
Publication Year: 1988  
Document Type: Journal Article  
Language: English

Abstract: The Integrated Services Digital Network (ISDN) is an internationally standardised universal network for voice, data, **text** and **image** communication which is intended to **replace** the telephone, data and telex/teletex/telefax network. In West Germany it is to be...



**43/3,K/27 (Item 21 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00166708 Pira Acc. Num.: 7859613 Pira Abstract Numbers: 05-87-02306

**Title: KURZWEIL DISCOVER**

Authors: Tebbutt D

Source: Pers. Comput. World vol. 10, no. 9, Sept. 1987, pp 114-116

Publication Year: 1987

Document Type: Journal Article

Language: English

Abstract: The #8000 Kurzweil Discover 7320 scans **text** and **graphics** , but **instead** of **matching** the former against stored patterns it applies rules describing the general appearance of letters. As...

**43/3,K/28 (Item 22 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00165550 Pira Acc. Num.: 7824665 Pira Abstract Numbers: 02-87-03334

**Title: USING LASER IMAGING FOR DIRECT MAIL**

Authors: Anon

Source: Folio vol. 16, no. 9, Sept. 1987, pp 38, 40-41

ISSN: 0046-4333

Publication Year: 1987

Document Type: Journal Article

Language: English

...Abstract: including personalisation. Among the benefits of the process are that fonts can be mixed and **matched** and **letters** can be personalised. A **logo** or design created on the computer screen can be digitised or replicated and postal costs...

**43/3,K/29 (Item 23 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00163384 Pira Acc. Num.: 7724269 Pira Abstract Numbers: 02-87-02872

**Title: OCR VS ICR**

Authors: Anon

Source: Typeworld vol. 11, no. 14, second July 1987 issue, p. 15

ISSN: 0194-4851

Publication Year: 1987

Document Type: Journal Article

Language: English

Abstract: Optical character recognition is a method of **text** recognition which utilises template **matching** . This involves storing **images** which correspond exactly to the character shapes that comprise a specific typestyle. The memory capacity...

**43/3,K/30 (Item 24 from file: 248)**  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00159932 Pira Acc. Num.: 7558574 Pira Abstract Numbers: 05-87-01204

**Title: SOFTWARE TEST: WORDS AND FIGURES**

Authors: Smart H

Source: Which Comput. May 1987, pp 67, 70

ISSN: 0140-3435

Publication Year: 1987

Document Type: Journal Article

Language: English

...Abstract: spreadsheet environment can be used as a database and there is the option of creating **graphics** . **Words** and Figures is a good **substitute** for 1-2-3 version 1A and an economical way to spread the power of...

**43/3,K/31 (Item 25 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00136567 Pira Acc. Num.: 6527966 Pira Abstract Numbers: 02-85-02615

**Title: AUTOLOGIC DEBUTS IMAGE PROCESSORS**

Authors: Anon

Source: Typeworld vol. 9, no. 9, 12 July 1985, pp 1-2

ISSN: 0194-4851

Publication Year: 1985

Document Type: Journal Article

Language: English

...Abstract: processor, not the recorder. Therefore the fonts from all the output devices being used will **match** . The Page **Image** Processor accepts the widest scope of input: **text** from personal computers, composition systems and data processing systems. All the APS-55s use a...

**43/3,K/32 (Item 26 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00122952 Pira Acc. Num.: 5924634 Pira Abstract Numbers: 02-84-02273

**Title: COMBINED TEXT AND GRAPHICS PRESENTATION USING NEW PRINTING TECHNOLOGIES**

Authors: Rittberg E-H

Source: Polygraph vol. 37, no. 13, 5 July 1984, pp 1096, 1098-1099, 1101

ISSN: 0032-3845

Publication Year: 1984

Document Type: Journal Article

Language: German

...Abstract: printed product are outlined and the way that dots can be used to build up **text symbols** and **graphics** electronically, described. At present there is no adequate **substitute** for the 'paper' medium, so that prepared material must be transferred. Matrix printers and other...

**43/3,K/33 (Item 27 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00122922 Pira Acc. Num.: 5924604 Pira Abstract Numbers: 02-84-02187

**Title: COMPRINT 84: INDUSTRIAL INTELLIGENCE**

Authors: Aubry C

Source: Caractere vol. 35, no. 139, 3 July/27 Aug. 1984, pp 8-10

ISSN: 0247-039X

Publication Year: 1984

Document Type: Journal Article

Language: French

...Abstract: mentioned and the threat to literacy in developed countries, resulting from the current tendency to **replace text** with **pictures** is raised. The tremendous possibilities offered by computerised telecommunications are examined and the need for...

**43/3,K/34 (Item 28 from file: 248)**

DIALOG(R)File 248:PIRA

(c) 2002 Pira International. All rts. reserv.

00020620 Pira Acc. Num.: 1022024 Pira Abstract Numbers: 02-76-02024

**Title: NEW POLISH READER**

Source: DTSCH. DRUCKER vol 12 no 17 10 May 1976 p XVII (in German)

Publication Year: 1976

Document Type: Journal Article

Language: German

...Abstract: 100-200 characters a second and produces them on a punched tape. It distinguishes 100 **letters** , numbers and other **symbols** and **replaces** a team of 40 people.

**43/3,K/35 (Item 1 from file: 435)**

DIALOG(R)File 435:Art Abstracts

(c) 2002 The HW Wilson Co. All rts. reserv.

0753785 H.W. WILSON RECORD NUMBER: BART96011579

**Entre devotion et heresie: la tablette de saint Bernardin ou le secret d'un predicateur**

Arasse, Daniel 1944-

Res (Cambridge, Mass.) (Res) no28 (Autumn 1995) p. 118-39

DOCUMENT TYPE: Feature Article

ISSN: 0277-1322

...ABSTRACT: was accused of heresy three times and aroused suspicions because it was felt that the **image** of Christ was being **replaced** by three **letters** and that these letters signified some kind of sorcery. The writer explains why there was...

**43/3,K/36 (Item 1 from file: 439)**

DIALOG(R)File 439:Arts&Humanities Search(R)

(c) 2002 Inst for Sci Info. All rts. reserv.

01554998 GENUINE ARTICLE#: MG044 NO. REFERENCES: 0

**TITLE: WORDS INSTEAD OF A THOUSAND PICTURES '**

AUTHOR(S): SCHLOSS D

JOURNAL: PARIS REVIEW, 1993, N128 (FAL), P228

ISSN: 0031-2037

LANGUAGE: ENGLISH DOCUMENT TYPE: POETRY

**TITLE: WORDS INSTEAD OF A THOUSAND PICTURES '**

**43/3,K/37 (Item 2 from file: 439)**

DIALOG(R)File 439:Arts&Humanities Search(R)

(c) 2002 Inst for Sci Info. All rts. reserv.

00215424 GENUINE ARTICLE#: ND756 NO. REFERENCES: 39

**TITLE: PICTURES INSTEAD OF WORDS**

AUTHOR(S): ROHEN H

JOURNAL: ZEITSCHRIFT FUR GERMANISTISCHE LINGUISTIK, 1981, V9, N3, P308-325

LANGUAGE: GERMAN DOCUMENT TYPE: ARTICLE

**TITLE: PICTURES INSTEAD OF WORDS**

**43/3,K/38 (Item 3 from file: 439)**

DIALOG(R)File 439:Arts&Humanities Search(R)

(c) 2002 Inst for Sci Info. All rts. reserv.

00183287 GENUINE ARTICLE#: MR083 NO. REFERENCES: 24

**TITLE: MATCHING THE WORDS ( PICTURE BOOKS FOR YOUNG-CHILDREN)**

AUTHOR(S): MARTIN A

JOURNAL: TLS-THE TIMES LITERARY SUPPLEMENT, 1981, N4103, P1358

LANGUAGE: ENGLISH DOCUMENT TYPE: REVIEW, BIBLIOGRAPHY

TITLE: MATCHING THE WORDS ( PICTURE BOOKS FOR YOUNG-CHILDREN)  
?

44/3,K/1 (Item 1 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00515706 Pira Acc. Num.: 20116644

**Title: Digital stripping to the rescue**

Authors: Anon

Source: Gr. Arts Mon. vol. 70, no. 5, May 1998, pp 86-87

ISSN: 1047-9325

Publication Year: 1998

Document Type: Journal Article

Language: English

...Abstract: 2,540dpi, and not altered at the raster image processor, a dot-for-dot digital **file** is created, retaining **text**, line art, dot shape, screen ruling, and screen angle of the original film. This is...

... files, with poor line art and text was used. Scitex's Monoscan, using bitmap automatic **picture replacement**, produces CMYK high-resolution bitmap files, and a low-resolution placement file for page layout...

45/3,K/1 (Item 1 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00585581 Pira Acc. Num.: 20184132

**Title: More than eye candy**

Authors: Karney J

Source: Internet World (US2) vol. 6, no. 22, 15 Dec. 2000, pp 55-57

ISSN: 1081-3071

Publication Year: 2000

Document Type: Journal Article

Language: English

...Abstract: that is produced can include tables populated from databases, high-quality charts, scrolling lists and **stock tickers**. The features of Flash and Generator are described, and Macromedia's role in the Web...

45/3,K/2 (Item 2 from file: 248)  
DIALOG(R)File 248:PIRA  
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00496789 Pira Acc. Num.: 20098693

**Title: UK media pushes Explorer**

Authors: Anon

Source: New Media Age 2 Oct. 1997, p. 1

Publication Year: 1997

Document Type: Journal Article

Language: English

...Abstract: who log on at lunch time. The Financial Times will offer news summaries, a desktop **ticker** -tape and a screen saver to emphasise their global and accessible image on their Financial...

45/3,K/3 (Item 3 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00464004 Pira Acc. Num.: 20067136

**Title: Rave: real-time services for the Web**

Authors: Anon

Source: Inf. Interchange Rep. vol. 3, no. 12, Sept. 1996, pp 1-14

Publication Year: 1996

Document Type: Journal Article

Language: English

...Abstract: is a flexible, extendible architecture that supports live and stored audio and video and text **ticker** -tape feeds. The RAVE architecture is described, and the Web-client facilities that are needed...

45/3,K/4 (Item 4 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2002 Pira International. All rts. reserv.

00159892 Pira Acc. Num.: 7558534 Pira Abstract Numbers: 05-87-01271

**Title: THE VWD-VIDEO TICKER - CHANNELLING INFORMATION THROUGH PC's**

Authors: Anon

Source: Nachricht. Dok. vol. 38, no. 2, Apr. 1987, pp 99-101

ISSN: 0027-7436

Publication Year: 1987

Document Type: Journal Article

Language: German

**Title: THE VWD-VIDEO TICKER - CHANNELLING INFORMATION THROUGH PC's**

...Abstract: Management Services GmbH) have been offering their customers

a new information concept, the VWD-Video- **Ticker** , based on PC technology. It allows financial information to be selected, processed and stored during realtime. The VDW-Video- **Ticker** integrates information from a number of reputable news programmes into a single system, augmented by...

... prices and currency values. Users can access the information they need via a PC. Video- **Ticker** offers over 50 program modules which can be freely selected and combined. Only simple keyboard...

**45/3,K/5 (Item 5 from file: 248)**  
DIALOG(R)File 248:PIRA  
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00155284 Pira Acc. Num.: 7357605 Pira Abstract Numbers: 05-87-00308  
**Title: IMNET COMES BACK - BIGGER AND BETTER**  
Authors: Anon  
Source: Videoprint vol. 7, no. 22, 24 Nov. 1986, pp 3-5  
ISSN: 0271-0951  
Publication Year: 1986  
Document Type: Journal Article  
Language: English

...Abstract: Now Imnet will offer an attractive, well-priced, comprehensive stock service. The features include scrolling **ticker** and financial news services, indexes, statistics, access to Dow Jones News/Retrieval and the rearrangement...

**45/3,K/6 (Item 1 from file: 435)**  
DIALOG(R)File 435:Art Abstracts  
(c) 2002 The HW Wilson Co. All rts. reserv.

0099229 H.W. WILSON RECORD NUMBER: BART87022946  
**Man watching ticker -tape parade for Iranian hostages (art reproduction)**  
Savulich, Andrew  
Art News (Art News) v. 86 (Sept. '87) p. 110  
ISSN: 0004-3273

**Man watching ticker -tape parade for Iranian hostages (art reproduction)**

**45/3,K/7 (Item 2 from file: 435)**  
DIALOG(R)File 435:Art Abstracts  
(c) 2002 The HW Wilson Co. All rts. reserv.

0083607 H.W. WILSON RECORD NUMBER: BART87007160  
**Return of the romantic** {Triangle Gallery, San Francisco; exhibit}  
Jordan, Jim 1940-  
Artweek (Artweek) v. 17 (Apr. 26 '86) p. 11-12  
DOCUMENT TYPE: Exhibit  
ISSN: 0004-4121

...NAMED PERSONS: il: No smooth **ticker** (illustration)

**45/3,K/8 (Item 1 from file: 439)**  
DIALOG(R)File 439:Arts&Humanities Search(R)  
(c) 2002 Inst for Sci Info. All rts. reserv.

01854512 GENUINE ARTICLE#: UV049 NO. REFERENCES: 0  
**TITLE: BAD TICKER '**  
AUTHOR(S): BALBO N  
CORPORATE SOURCE: LOYOLA COLL, DEPT WRITING & MEDIA/BALTIMORE//MD/00000  
JOURNAL: AMERICAN POETRY REVIEW, 1996, V25, N4 (JUL-AUG), P47  
ISSN: 0360-3709  
LANGUAGE: ENGLISH DOCUMENT TYPE: POETRY

**TITLE: BAD TICKER '**

45/3,K/9 (Item 2 from file: 439)  
DIALOG(R)File 439:Arts&Humanities Search(R)  
(c) 2002 Inst for Sci Info. All rts. reserv.

01509424 GENUINE ARTICLE#: LG525 NO. REFERENCES: 0

**TITLE: DICKEY TICKER (THE DIFFICULTY OF COMMUNICATING ACROSS REGIONAL AND  
CLASS BARRIERS)**

AUTHOR(S): BERLYNE A

JOURNAL: VERBATIM, 1993, V19, N4 (SPR), P1-2

ISSN: 0162-0932

LANGUAGE: ENGLISH DOCUMENT TYPE: ARTICLE

**TITLE: DICKEY TICKER (THE DIFFICULTY OF COMMUNICATING ACROSS REGIONAL AND  
CLASS BARRIERS)**



File 233:Internet & Personal Comp. Abs. 1981-2002/Feb  
(c) 2002 Info. Today Inc.  
File 256:SoftBase:Reviews,Companies&Prods. 85-2002/Dec  
(c)2002 Info.Sources Inc  
File 278:Microcomputer Software Guide 2001/Dec  
(c) 2001 Reed Elsevier Inc.  
File 239:Mathsci 1940-2001/Feb  
(c) 2001 American Mathematical Society

Set	Items	Description
S1	80090	ICON? ? OR GRAPHIC? OR GRAPHIX OR GLYPH??
S2	44824	PICTOGRAM? OR PICTURE? OR PICTOGRAPH?? OR SYMBOL??
S3	61255	LOGO?? OR IMAGE? OR TRADEMARK?? OR TRADENAME?? OR TRADE() (- NAME?? OR MARK??)
S4	266837	DESIGNATION?? OR BRAND?? OR PRODUCT?? OR LABEL?? OR NAME?
S5	120677	CORPORATE OR CORPORATION OR BUSINESS OR COMPANY OR COMPANI- ES
S6	16098	SIGNS OR SIGNAGE OR SIGN
S7	98	MARQUEE??
S8	211936	TEXT OR WORD? OR NEWS OR QUOTE OR SCRIPT? OR HEAD() (LINE? - OR LINING) OR LETTERS
S9	241005	CHARACTER? OR CHARACTER()STRING?? OR COMPUTER()CODE?? OR C- ODE??
S10	81677	REPLAC? OR SUBSTITUT? OR INSTEAD OR OVERWRIT? OR OVER()WRI- T?
S11	123367	DISPLAY?? OR SCREEN? OR MONITOR?
S12	247531	SCOREBOARD? OR MESSAGE()CENTER? OR READERBOARD? OR TIME OR TEMPERATURE
S13	8	(SCORE OR READER)()BOARD??
S14	7685	LED OR LIGHT()EMIT?()DIODE?
S15	3010	LCD OR LCDS OR LIQUID()CRYSTAL()DISPLAY??
S16	55165	ELECTRONIC? OR ELECTRIC
S17	186399	STREAM? OR ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR MOTION? OR ACTION
S18	1	ACTIONGRAPH? OR MOTIONGRAPH? OR MOBILELED OR MOBILE()LED
S19	265	TICKER?? OR STOCKTICKER? OR STOCK()TICKER? OR AUTOSCROLL? - OR NEWSCRAWL OR TEXTSCROLL?
S20	165134	S1:S3
S21	11839	S4(3N)S5
S22	3352	S10 AND (S8 OR S9) AND (S20 OR S21)
S23	2084	S10(S) (S8 OR S9) (S) (S20 OR S21)
S24	227	S10(3N) (S8 OR S9) (5N) (S20 OR S21)
S25	3	S24 AND S16 AND S17
S26	3	RD S25 (unique items)
S27	0	S24 AND S19
S28	6	SHOCKWAVE AND S10 AND S8
S29	6	S28 NOT S25
S30	6	RD S29 (unique items)
S31	1355	(S6 OR S7) AND S1:S3
S32	88	S31 AND S10 AND (S8 OR S9)
S33	88	S32 NOT (S25 OR S28)
S34	66	S33 NOT PY=>1996
S35	65	RD S34 (unique items)
S36	13	S35 AND S17
S37	0	REPLAC?(3N) (WORD?? OR TEXT OR CODE) (10N)WITH(3N) (IMAGE? OR ICON?? OR PICT?)
S38	766	REPLAC?(3N) (WORD?? OR TEXT OR CODE)
S39	0	S38(S)WITH(3N) (IMAGE? OR ICON?? OR PICT?)
S40	0	S38 AND WITH(3N) (IMAGE? OR ICON?? OR PICT?)
S41	0	S38 AND WITH AND (IMAGE? OR ICON?? OR PICT?)
S42	53	S38 AND (IMAGE? OR ICON?? OR PICT?)
S43	51	S42 NOT (S28 OR S25 OR S35)
S44	31	S43 NOT PY=>1996
S45	31	RD S44 (unique items)

18/3,K/1 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00378743 95CN03-004

**State of the art in 3D -- The latest crop of 3D graphics accelerators  
and how they fit into the CAD market**

Sheerin, Peter

Cadence , March 1, 1995 , v10 n3 p63-69, 6 Page(s)

ISSN: 0887-9141

Company Name: Media Labs; AccelGraphics; Artist Graphics; Evans &  
Sutherland; Matrox Graphics

Product Name: 3D Media SX; **ActionGraphics** 300; Artist Graphics  
XJ-2000; Freedom Graphics; MGA Impression Plus

Product Name: 3D Media SX; **ActionGraphics** 300; Artist Graphics  
XJ-2000; Freedom Graphics; MGA Impression Plus

... programs. Provides capsule reviews of the Media SX (\$1,500) from  
Media Labs (713), the **ActionGraphics** 300 (\$2,100) from AccelGraphics  
(800)(408), the XJ-2000 (\$NA) from Artist Graphics(800...

Identifiers: 3D Media SX; **ActionGraphics** 300; Artist Graphics  
XJ-2000; Freedom Graphics; MGA Impression Plus; Media Labs;  
AccelGraphics; Artist Graphics...

26/3,K/1 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00357502 94MW08-031

**Not your father's BBS -- FirstClass systems: online services for the rest of us**

Pogue, David

Macworld , August 1, 1994 , v11 n8 p163-164, 2 Page(s)

ISSN: 0741-8647

Presents descriptions of four FirstClass **electronic** bulletin board systems. FirstClass, developed by SoftArc, **replaces scrolling text** with clickable customized **icons** and provides **text** in all sizes and colors and sound effects. FirstClass is also multitasking. The systems provide...

26/3,K/2 (Item 1 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00114082 DOCUMENT TYPE: Review

**PRODUCT NAMES: Adobe ImageStyler Macintosh (722812)**

**TITLE: Adobe ImageStyler**

**AUTHOR: Snell, Jason**

**SOURCE: Macworld, p49(1) Feb 1999**

**ISSN: 0741-8647**

**HOME PAGE: <http://www.macworld.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Review**

**GRADE: B**

**REVISION DATE: 20001130**

...Web graphics tool that is both simple to use and powerful, though the lack of **animation** tools is a weakness of this otherwise potent system. Adobe is marketing ImageStyler to both...

...ability to create aliases of objects that instantly reflect edits made to the original object **image**. Above all, the HTML batch- **replacement** feature is its best, allowing users to **replace HTML text** with **graphics** files containing the same information.

**DESCRIPTORS: Graphics Tools; Image Processing; Web Site Design; Apple Macintosh; Electronic Publishing; Internet Utilities; Authoring Systems; MacOS**

26/3,K/3 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00100202 DOCUMENT TYPE: Review

**PRODUCT NAMES: FreeHand Graphics Studio 7 Windows 95 & NT (643785)**

**TITLE: A Web-Ready Graphics Suite**

**AUTHOR: O'Malley, Chris**

**SOURCE: PC/Computing, v10 n2 p89(1) Feb 1997**

**ISSN: 0899-1847**

**RECORD TYPE: Review**

**REVIEW TYPE: Review**

GRADE: A

REVISION DATE: 20000830

...Macromedia, is also supported. Shockwave allows users to display and view high-quality images and **animations** on Web sites without downloading large files. FreeHand is still a drawing program to be...

...drawings; and the ability to blend shapes and colors from multiple objects, or search and **replace graphics characteristics** or type attributes.

DESCRIPTORS: Graphics Tools; Image Processing; Draw; Web Site Design;  
Windows; Windows NT/2000; IBM PC & Compatibles; **Electronic** Publishing

30/3,K/1 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00471140 97MW09-012

**NetObjects Fusion 2.0 -- Still the best Web authoring tool for designers**  
Negrino, Tom  
Macworld , September 1, 1997 , v14 n9 p70, 1 Page(s)  
ISSN: 0741-8647  
Company Name: NetObjects  
Product Name: NetObjects Fusion 2.0

... make it easy to create impressive Web sites. Includes the ability to drag-and-drop **text** , RTF files, images, sound, video, **Shockwave** files, and Java applets into the layout. Also features improved guides and alignment options, a spellchecker, and search-and- **replace** options. Notes that this version also fixes a problem with loading HTML tables and adds...

30/3,K/2 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00444025 96PM12-020

**Build your own multimedia apps**  
Bremser, Wayne  
PC/Computing , December 1, 1996 , v9 n12 p140b, 1 Page(s)  
ISSN: 0899-1847  
Company Name: Oracle  
Product Name: Oracle Media Objects

...for creating multimedia animations and effects from Oracle (800). The program a card stack metaphor **instead** of the tape-head and musical metaphors used by Macromedia Director. Its tools make creating simple multimedia applications very easy but for serious multimedia users are required to write **scripts** . This program offers the best integration with databases than any other authoring program available. Its...

...that it cannot publish on the Web using a plug-in (such as Macromedia's **Shockwave** ). Other than that, there is little that the Director can do that Media Objects can...

30/3,K/3 (Item 1 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00123724 DOCUMENT TYPE: Review

**PRODUCT NAMES: Director Shockwave Internet Studio 8 (733849**

**TITLE: Reviews: Director 8 Shockwave Studio**  
**AUTHOR: Sanchez, Rick**  
**SOURCE: MacAddict, v5 n6 p70(2) Jun 2000**  
**ISSN: 1088-548X**  
**HOME PAGE: http://www.imaginemediamedia.com**

**RECORD TYPE: Review**  
**REVIEW TYPE: Review**  
**GRADE: A**

**REVISION DATE: 20001130**

**PRODUCT NAMES: Director Shockwave Internet Studio 8...**

**TITLE: Reviews: Director 8 Shockwave Studio**

**Shockwave .com's Director 8 Shockwave Studio for the PowerPC with Mac OS**

8.1 or higher, the most recent and...

...for new users. Current users who need its new features, which include improved workflow, external **script** editing, and a Pasteboard Stage view, should also upgrade. Reasonably priced Director 8 **Shockwave** Studio does not require users to learn Lingo, Director's programming language, since they can...

...actions called Behaviors to control graphics movement and the interactivity of the Project. Director 8 **Shockwave** Studio is more efficient to use and allows users to save **scripts** outside the application and to edit them with a favorite **text** editor. For exceptionally large development projects, a source-code control system can manage **scripts**. Advantages of this design are extensive. External editors such as BBEdit allow users to keep many **script** windows open concurrently and to use BBEdit's complete search- and- **replace** and formatting commands. The new Property Inspector merges multiple Director Inspectors in one useful window ...

COMPANY NAME: **shockwave .com...**

30/3,K/4 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00104877 DOCUMENT TYPE: Review

PRODUCT NAMES: **Macromedia Flash 2.0 (664715)**

TITLE: **Macromedia Flash 2.0: Flash Adds Sparkle to Web Pages**  
AUTHOR: Rosenthal, Steve  
SOURCE: NewMedia, v7 n12 p35(1) Sep 22, 1997  
ISSN: 1060-7188  
HOMEPAGE: <http://www.newmedia.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20001130

...pages played back through Macintosh or Windows browsers that are fitted out with the free **Shockwave** Flash plug-in. Flash graphics use vectors **instead** of bitmaps, which makes downloading fast. As in Director, Flash uses a multitrack movie timeline design, and users add such items as backgrounds, **text** blocks, animations, sounds, and buttons. A good selection of drawing tools is provided, and users...

30/3,K/5 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00100944 DOCUMENT TYPE: Review

PRODUCT NAMES: **SuperCard 3.0 Macintosh (532851)**

TITLE: **SuperCard 3 draws full house with Net features, interface**  
AUTHOR: Glasse, Jeff  
SOURCE: MacWEEK, v11 n11 p25(2) Mar 17, 1997  
ISSN: 0892-8118  
HOMEPAGE: <http://www.macweek.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20010730

...excellent development environment, and top quality documentation. Enhancements include a new, uncluttered, logical interface, easier **scripting**, and Macromedia **Shockwave** -type World Wide Web plug-in support. SuperCard also has a lower price. Standard features...

...the same characteristics. Cards and backgrounds can hold bit-mapped and vector graphics, buttons, scrolling **text** fields, lists, QuickTime movies, and sounds. The redesigned authoring environment better integrates development of complex interactive elements with such features as a Project Editor that **replaces** SuperEdit. Project Editor's Project Browser allows users to quickly gain access to a project's materials and to interactively run **scripts**. Many other new functions provided include color icon support and better SuperTalk commands that provide...

...is a powerful new feature that allows users to create relatively advanced interactive functions without **scripting**. The performance of Roadster-based sites (sites that allow users to view and interact with...

30/3,K/6 (Item 1 from file: 239)

DIALOG(R)File 239:Mathsci

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01040949 MR 12,769c

**Magneto-hydrodynamic shocks.**

de Hoffmann, F.

Teller, E.

Physical Rev. (2)

1950, 80,, 692--703

Language: English

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (106 lines)

Reviewer: Chandrasekhar, S.

This paper is devoted to the consideration of plane **shockwave** phenomenon in magneto-hydrodynamics. On the assumption that the conductivity of the material is infinite...

...since the shock system is a stationary one,  $\frac{\partial}{\partial t}$  is also zero. Hence  $\text{div } T = 0$  requires only that  $\frac{\partial T}{\partial x}$ ...shock equations are exactly of the same form as classical Rankine-Hugoniot equations provided we **replace**  $p$  and  $E$  in these equations by  $p + \frac{1}{2} \rho v^2$ ...

36/3,K/1 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00384973 95NM05-004

**Windows 95: PC Multimedia grows up -- The guys in the NewMedia Lab turned beta 2 of Windows 95 inside out. Looking beyond the bugs to find signs of real trouble for...**

Tully, Tim; Lynch, Michael  
NewMedia , May 1, 1995 , v5 n5 p46-57, 8 Page(s)  
ISSN: 1060-7188  
Company Name: Microsoft  
Product Name: Microsoft Windows 95

**... Lab turned beta 2 of Windows 95 inside out. Looking beyond the bugs to find signs of real trouble for.....**

Presents an overview to the multimedia capabilities of Windows 95 which will **replace** Windows 3.1 as the **graphical** operating system of choice for x86 based PCs. Windows 95 is a full 32-bit...

...system that is backward compatible with Windows 3.1 and DOS. It sports a new **graphical** environment that is more similar to the Macintosh than its predecessor, and Windows 95 also...

...multitasking features which will also be a boon to multimedia producers, and it contains software **codecs** for Indeo and Cinepak and a 32-bit video capture program. Improved 3D **animation** tools are included in an effort to lure game makers from the DOS environment to...

Descriptors: Window Software; Operating Systems; 32-Bit **Code** ;  
Multimedia; Multitasking; **Animation**

36/3,K/2 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00234743 91IC02-007

**EuroWorks 3.0 S. A. AuTeur Company**

Holzberg, Carol S  
inCider , February 1, 1991 , v9 n2 p80, 82, 2 Pages  
ISSN: 0740-0101  
Company Name: S. A. AuTeur  
Product Name: EuroWorks

...128K Apple II, 5.25-inch disk drive and AppleWorks 3.0 for operation; an **ImageWriter** I, II, LQ or compatible printer is recommended. Says that EuroWorks patches AppleWorks 3.0 so that it can accommodate the accents and special **characters** needed for printing in French, German, Italian, Portuguese and Spanish. It also offers eight common **symbols** such as the cents **sign** and the British pound sterling. In **running** the application on a GS, however, it is difficult to tell which key from where unless the **characters** have been previously mapped; and upon **replacement** , certain **characters** become inaccessible. Includes a sample display. (PAM)

36/3,K/3 (Item 1 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00072116 DOCUMENT TYPE: Review

**PRODUCT NAMES: ISPF 4.1 (312568)**

**TITLE: ISPF Goes Client/Server**

**AUTHOR:** Pearkins, Jon E

**SOURCE:** Enterprise Systems Journal, v9 n10 p65(5) Oct 1994

**ISSN:** 1053-6566

**HOME PAGE:** <http://www.esj.com>



RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010730

ISPF 4.1 for IBM MVS mainframes has a complete **graphical** user interface (GUI) with a client/server feature that allows users to **sign** on from OS/2 and Windows client workstations. This ability reduces mainframe processing loads, although...

...only on the host. GUI data travels over TCP/IP or APPC in concise records **instead** of in 3270 data **streams**. The client/server feature is very beneficial, supporting workstation client and MVS server via modeless ...

DESCRIPTORS: **Text** Editors; Client/server; File Editors; MVS; IBM Mainframe; ISPF; System Utilities; Enterprise Application Integration; Network...

**36/3,K/4 (Item 2 from file: 256)**  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00066629 DOCUMENT TYPE: Review

**PRODUCT NAMES: Company - Microsoft Corp (850195)**

**TITLE: On-Line Access on Major Vendors'....: Skepticism Growing Over...**  
**AUTHOR: Foley, Mary Jo**  
**SOURCE: PC Week, v11 n31 p1(2) Aug 8, 1994**  
**ISSN: 0740-1604**

RECORD TYPE: Review  
REVIEW TYPE: Company

REVISION DATE: 20000830

Microsoft indicates that it is **moving** ahead with its plan to build its own online service, although others are questioning whether...

...able to pull it off without help. The company demonstrated a prototype of the service, **code**-named Marvel, to employees at a recent meeting. Employees were told that Microsoft is installing communications servers at its headquarters and that Marvel will offer online help, chat lines, shopping, **news**, and other services. Marvel will compete directly with CompuServe, America Online, and other similar services. Some observers have speculated that Microsoft may give up on developing Marvel and **instead** try to buy an established service. The company indicates that Windows 4.0 will include a direct link to Marvel, letting users **sign** on by clicking an **icon**.

**36/3,K/5 (Item 1 from file: 239)**  
DIALOG(R)File 239:Mathsci  
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02418771 MR 94b#32001

**Essays on mirror manifolds.**

Edited by Shing-Tung Yau.

Contributors: Yau, Shing-Tung

Publ: International Press, Hong Kong,

1992, vi+502 pp. ISBN: 962-7670-01-4

Language: English

Essays on mirror manifolds

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (402 lines)

Reviewer: Hunt, Bruce (D-KSRL)

...models (349--371); Tristan Hubsch and Shing-Tung Yau, An  $\mathrm{SL}(2, \mathbb{C})$  action on certain Jacobian rings and the mirror map (372--387); Per Berglund and Tristan Hubsch...

...numbers,  $h^{1,1}$  and  $h^{2,1}$ , and the (topological) Euler-Poincare characteristic is given by  $e(M) = 2(h^{1,1} - h^{2,1})$ ; furthermore...

...the symmetry algebra. Further, the difference between the two kinds of fields lies in the **sign** of their charge (eigenvalue) under a  $\mathrm{U}(1)$  subalgebra, the choice of **sign** being a matter of convention. In other words, whereas elements of  $H^{1,1}$  and  $H^{2,1}$  are vastly different geometrical objects, their conformal field theory counterparts have no intrinsic differentiating characteristics. This led several physicists (Dixon, Lerche, Vafa, Warner) to conjecture the existence of a second...

...that the identifications of fields with geometric objects would follow the opposite convention for the **sign** of the  $\mathrm{U}(1)$  eigenvalue'' (Greene-Plesser). This was the genesis of the notion...

...versa). A numerical expression of the first condition is that the Euler numbers have opposite **signs**. The first experimental evidence was provided in a 1990 paper [P. Candelas, M. Lynker and...

...hypersurfaces), for which there was a rough symmetry between Euler numbers (of desingularisations) with opposite **signs**. Then two important papers appeared; the first [B. R. Greene and M. R. Plesser, Nuclear...scr O<sub>p+3,q</sub>]. By conjugation (in the physical sense, just changing the **sign** of the eigenvalues under the  $\mathrm{U}(1)$  subalgebra of the symmetry algebra as mentioned...

...classical dichotomy between space and matter, thus opening up the possibility of a truly unified **picture** of natural phenomena. Of central interest is the 'classical' or 'large radius' limit in which...if there are infinitely many rational curves of the same degree (it is the top **characteristic** class of some bundle on the moduli space). In another article by Candelas et al...

...in  $P^4$ . Here they apply the classical technique of determining the top **characteristic** class of a certain bundle (and a lot of computation, partially with Macaulay and partially...thought of as obtained by dividing out by linear group actions; the authors consider here **instead** nonlinear changes of variables, creating singularities, which are then resolved. These changes of variables ``correspond...

...of the Lefschetz operator for a smooth algebraic variety, determining an  $\mathrm{SL}(2)$  action and Lefschetz decomposition on  $H^{p,q}(M)$ . For CY 3...

...is Hermitian with respect to both (and has torsion). For example, as surfaces one gets **instead** of the  $K3$ 's (the CY case) here the Hopf manifolds, complex structures on  $S^3 \times S^1$ ...

36/3,K/6 (Item 2 from file: 239)

DIALOG(R)File 239:Mathsci

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02378323 MR 93g#01015

**Science and philosophy in classical Greece.**

Edited by Alan C. Bowen.

Contributors: Bowen, Alan C.

Publ: Garland Publishing, Inc., New York,

1991, xviii+329 pp. ISBN: 0-8153-0214-2

Series: Sources and Studies in the History and Philosophy of Classical Science, 2.

Language: English  
Science and philosophy in classical Greece  
Subfile: MR (Mathematical Reviews) AMS  
Abstract Length: LONG (191 lines)  
Reviewer: Artmann, B. (D-DARM)

...introduction of axioms into mathematics, a detailed study of the Elements reveals a quite different **picture**, for most of his theories are based on definitions rather than on material assertions. A...

...illegitimate and not coherent with Euclid's overall theory of proportions, and hence should be **replaced** by more adequate descriptions. (B) Did Euclid conceive fractions as one does in modern mathematics...by writing in this manner Euclid transformed the study of geometry into a scholastic enterprise **instead** of guiding his readers to their own creative work. (This would put Euclid into an...

...priority of the critical examination of the texts in order to decipher their intrinsic meanings **instead** of using modern theories or predilections as a measuring stick for ancient works.

A. C...

...musical sound as pitch, which he took to be nothing more than a series of **motions** of the air that strike the ear. He did not, however, assume a vibrational theory of sound, and his numerosity or compactness of **motions** is not equivalent to our concept of frequency. The pitch of a musical note and the compactness of the series of **motions** that strike the ear are both relative, hence it follows that the fundamental musical phenomenon...

...the Sectio canonis is the interval (or separation) defined by two distinct pitches. In other **words**, the essential thing is a ratio of (whole) numbers, and we may use arithmetically defined ratios in order to study music. Finally, Bowen discusses the relation of Euclid's **text** to Pythagorean doctrines with the result that 'we are not sufficiently informed to locate the...

...intuitively plausible symmetry considerations needed to justify linear schemes for the rising times of the **signs** of the Zodiac. These in turn were employed to calculate the length of the daylight...

...Theodosius. He concludes with the remark that it is entirely consistent with the qualitative, approximate **character** of ancient observational data that the first attempts to geometrize the world- **picture** should themselves display a similarly qualitative **character**.

The papers will not be reviewed individually.

36/3,K/7 (Item 3 from file: 239)  
DIALOG(R)File 239:Mathsci  
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02260439 MR 92d#73048  
**Incremental finite element modelling in nonlinear solid mechanics.**  
Translated from the Polish.  
Kleiber, Michal (Institute of Fundamental Technological Research (IPPT),  
Polish Academy of Sciences, 00-049 Warsaw, Poland)  
Corporate Source Codes: PL-PAN-R  
Publ: Ellis Horwood Ltd., Chichester; PWN---Polish Scientific Publishers,  
Warsaw,  
1989, 187 pp. ISBN: 0-470-20832-5  
Series: Ellis Horwood Series in Mechanical Engineering.  
Language: English  
Subfile: MR (Mathematical Reviews) AMS  
Abstract Length: LONG (167 lines)  
Reviewer: Rochus, P. (Sarolay-Argenteau)

...numerical aspects of the FE method in the hope of setting up a more realistic **picture** of the practical usefulness of the method and in addition to bring to the reader...

...book; this is fundamentally different from many other approaches to rate formulations in nonlinear mechanics. **Instead** of the usual problem of an infinitesimally small strain imposed on finite strains, the author...

...of strains with the corresponding formula known in nonlinear continuum mechanics.

The incremental equations of **motion** for an infinitesimal element of the body are formulated in Chapter 6 by considering the...

...some additional independent fields which are utilized simultaneously. Such variational principles usually lose their extremal **character**, which means that the second variation of the corresponding functionals does not preserve the **sign**; however, the conditions of functional stationarity still generate the governing differential equations of the problem... imbalance and compatibility mismatch are included.

Chapter 16 considers the dynamical problem without requiring the **motion** of the body to be quasi-static. First, linear FE models are constructed and, subsequently...

36/3,K/8 (Item 4 from file: 239)

DIALOG(R)File 239:Mathsci

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02253794 MR 92a#11118b

**Algebraic number theory.**

Translated from the English by V. G. Chirskii.

Number theory, 2 (Russian)

Kokh, Kh.

(Koch, Helmut V.)

Contributors: Chirskii, V. G.

1990,

Akad. Nauk SSSR, Vsesoyuz. Inst. Nauchn. i Tekhn. Inform., Moscow,;  
5--308,,

Series: Itogi Nauki i Tekhniki,

Language: Russian

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (85 lines)

Reviewer: Browkin, J. (PL-WASW)

...encyclopaedic survey of general results of main branches of algebraic number theory. Results of partial **character** are omitted or are given as examples illustrating the general theory. Most proofs are omitted and **replaced** by statements of main ideas of proofs and by appropriate references. The list of references...

...CFT). Basic theorems of local and global CFT including Artin's reciprocity law, norm residue **symbol**, Hilbert **symbol**, Grunwald-Wang theorem. Class fields of quadratic imaginary fields via complex multiplication (Kronecker's Jugendtraum...

...of Shafarevich, Bruckner and Vostokov. Applications to the first case of FLT. Tame and wild **symbols**, remarks on the Milnor ring  $H^1(K, \mathbb{Z})$  of fields. Further results on CFT: theorem of...

...Scholz on the 3-rank of the ideal class groups of quadratic fields.

Chapter 3. **Action** of the Galois group. Cohomology groups of profinite groups. Galois theory of infinite algebraic extensions...

...273 which appeared in the nineteenth century are attributed to L. C. Washington(!!!).

{In the **text** of the book misprints are not so numerous, but they still exist. For example, p. 36, line 11: **Replace**  $\mathbb{Z}(p)$  by  $\mathbb{Z}_{(p)}$ . P. 46, line 9: **Replace**  $\beta \in \text{germ } P$  by  $\beta \notin \text{germ } P$ . P. 59, line 6: **Replace**  $sp$  by  $\text{germ } P$  (twice). P. 59: The statement of Theorem 1.50b is nonsense since the hyphen has been **replaced** by the minus **sign**. P. 111, line 3: It should be  $x^3 - x - 1$ . P. 165: In Theorem 2.91a the condition  $q \nmid xyz$  should be **replaced** by

\$q\mid xyz\$, etc.) ...

36/3,K/9 (Item 5 from file: 239)

DIALOG(R)File 239:Mathsci

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02249557 MR 91m#20062

**Faisceaux caracteres (d'apres Lusztig).**

**Character** sheaves (after Lusztig)

Seminaire Bourbaki, Vol. 1988/89.

Laumon, Gerard (Departement de Mathematiques, Universite de Paris XI

(Paris-Sud), 91405 Orsay, France)

Corporate Source Codes: F-PARIS11

Asterisque

Asterisque, 1989, No. 177-178 Exp. No. 709, 231--260. ISSN:  
0303-1179

Language: French

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (63 lines)

Reviewer: Srinivasan, Bhama (1-ILCC)

**Character** sheaves (after Lusztig)

...1986), no. 3, 313--314; MR 87m:20118a-d] has developed a geometric theory of **character** sheaves on  ${}^G G$ , leading to the construction of an orthonormal basis of the  $\overline{\text{bold}}$ ...

...If further  ${}^T T$  is fixed by  ${}^F F$  and  ${}^{\text{scr}} L$  is fixed under the corresponding **action**  ${}^{\text{scr}} L \rightarrow F \cdot {}^{\text{scr}} L$  of  ${}^F F$  on  ${}^{\text{scr}} S(T)$ , an isomorphism...

...as Green functions, on the unipotent set of  ${}^G G$ , arising from their virtual **characters**  ${}^R \chi_{\theta}$ , where  $\theta$  is a **character** of  ${}^T T$ . The author first gives (in 1) descriptions of several constructions of...

... ${}^L L$ . He then describes (2.2) the Deligne-Lusztig theory of the virtual **characters**  ${}^R \chi_{\theta}$ . He then gives a proof (Theorem 2.3.1) of...

...2) 131 (1990), no. 2, 355--408; MR 91c:20054] which states that up to **sign**, the functions  ${}^{\sim} Q$  and  ${}^Q G$  coincide, where  ${}^q$  is sufficiently large. Since Lusztig proves this theorem more generally with  ${}^T T$  **replaced** by a Levy subgroup, it is useful to see that proof here in a special...

... ${}^L L$  where  ${}^L L$  is a Levi subgroup of  ${}^G G$ ,  ${}^{\Sigma} L$  is the inverse **image** in  ${}^L L$  of a conjugacy class of  ${}^L L / Z({}^L L)$  under the...

...in the sense of Lusztig. This construction is analogous to Harish-Chandra induction, in the **character** theory of  ${}^G G$ . He describes the generalized Springer correspondence which arises from this...

36/3,K/10 (Item 6 from file: 239)

DIALOG(R)File 239:Mathsci

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01594431 MR 80j#03009

**Godel, Escher, Bach: an eternal golden braid.**

Hofstadter, Douglas R.

Publ: Basic Books, Inc., Publishers, New York,

1979, xxi+777 pp. ISBN: 0-465-02685-0

Language: English

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (225 lines)

Reviewer: Lehmann, Scott K. (Storrs, Conn.)

...of J. S. Bach, perhaps most strikingly in the canon at the unison in retrograde **motion** and the modulating canon at the fifth from 'The Musical Offering'. And in logic there...

...mind with the hardware of the brain" (p. 302) will, in the author's view, **run** in terms of 'strange loops involving rules that change themselves directly or indirectly' (p. 27...

...monitors of our own brain processes) to comprehend what is going on in neural terms. **Instead**, the general AI approach is top-down: to find out what is (or might be...

...although they are none the less real for that). The brain presumably contains representations of -- **symbols** for -- features of the world. The author suggests that these **symbols** are simply relatively small neural networks; thinking in terms of concepts is just the electrochemical activation of corresponding **symbols**. 'The network by which **symbols** can potentially trigger each other constitutes the brain's working model of the real universe, as well as of the alternative universes which it considers' (p. 360). Among these **symbols** is that of self: 'It would be quite a glaring hole in a brain's **symbolic** structure not to have a **symbol** for the physical object in which it is housed and which plays a larger role in the events it mirrors than any other object' (p. 388). This **symbol** is actually a complex of subsymbols functioning 'almost as an independent 'subbrain' ' (p. 385), with...

...of its 'outside' world -- that is, the rest of the brain" (p. 385), in particular ' **symbols** for mental activity -- in other words, **symbols** for **symbols** and **symbols** for the actions of **symbols** ' (p. 387). Consciousness is then certain activations of this self- **symbol**, i.e., 'the monitoring of the brain by a subsystem of the brain itself' (p. 388). Acts of will are apparently certain activations propagating outward from the self- **symbol**, which typically are 'reflected' in later activations of **symbols** for the activation of **symbols** for bodily movements, etc. Although neural activity underlies all of these higher-level phenomena ('physical...relates neural activity to 'signals' (intermediate level phenomena) -- and which relates signals, in turn, to ' **symbols** ' and 'subsystems', including the presumed-to-exist 'self- **symbol** ' ' (p. 709) Without connections to such of our concepts as self, consciousness, will, etc., the...

...sense of wonder at the strangeness of things is well served by a gift for **animating** ideas (e.g., in a discussion of counterfactuals one finds, 'How flat and dead would...

...backward with a change of voices in the middle). The author's clever way with **words** enlivens the **text** as well (e.g., noting that neurons fire when the sum of inputs exceeds a...

...view. (Bishop Berkeley thought of the natural world as a vast system of God- given **signs**, which we would find profitable to decipher. The author quotes a 'beautiful and memorable' (p...

...presents the same idea, but without a Berkeleian faith in the intrinsic meaning of the **signs**: **instead**, there may be completely different deciphering **codes**, each yielding a **picture** of reality with an equal claim to being 'the truth'. At several places the author... cases, decoding will produce the same results because, 'since they are physical objects, our brains **run** without being told how to **run** ' (p. 170). Perhaps the author's intention is merely to suggest a direction for research...

36/3,K/11 (Item 7 from file: 239)

DIALOG(R)File 239:Mathsci

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01397823 MR 53##1655c

Spectral asymmetry and Riemannian geometry. III.

Atiyah, M. F.  
 Patodi, V. K.  
 Singer, I. M.  
 Math. Proc. Cambridge Philos. Soc.  
 1976, 79, no. 1, 71--99.  
 Language: English  
 Subfile: MR (Mathematical Reviews) AMS  
 Abstract Length: LONG (212 lines)  
 Reviewer: Knapp, Kh.

...boundary  $\eta$ , both sides of the index formula are still defined, but their difference  $f = \int_X \text{sign}(X) - \int_{\partial X} \text{sign}(X) \eta$  need not vanish. Suppose that the Riemannian manifold  $X$ ...

...discrete spectrum with real eigenvalues  $\lambda$ . The function  $\eta(s) = \sum_{\lambda \neq 0} \text{sign}(\lambda) |\lambda|^{-s}$  (for  $\text{Re}(s)$  large) extends meromorphically to the whole  $s$ -plane and takes a finite value...  
 ...of spec  $B$  (the spectrum of  $B$ ). The generalization of the signature theorem then reads  $\int_X \text{sign}(X) = \int_{\partial X} \text{sign}(X) \eta(0)$ . The authors prove this theorem as a...

...does not impose some boundary conditions. The same problem exists for the topological index. The **symbol** of  $D$  lies in  $K^0(B(TX), S(TX))$ , but the topological index...

... $TX$  to set up elliptic boundary conditions means to pull back the **symbol** to the latter group, but as the exact sequence of the triple  $(B(TX), S, \dots)$

...possible. The important new idea is to use a global boundary condition (which always exists) **instead** of the classical ones, which are of local type. Suppose that the first order operator...

... $\frac{1}{2}(h + \eta(0))$ . The integer  $h$  is the dimension of  $\text{Ker } A$  and the real number  $\eta(0)$  is the value of the  $\eta$ -function...

...for  $g \in L^2$  and  $f \in L^\infty$ , where  $g$  is called a limiting value of  $f$ . Let  $h$ ...

... $2$ -solutions on  $\hat{X}$  (=harmonic  $L^2$ -forms) is naturally isomorphic to the **image** of  $H^*(X, Y)$  in  $H^*(X)$ , so that  $h = \dim B = \dim \{ \text{sign}(X) \}$ . Because the dimensions  $h$  and  $\dim D$  turn out...from the index formula (the factor  $\frac{1}{2}$  disappears because  $A = A^*$  on  $\text{ev} \oplus A^*$  on  $Y$  and one uses the data of  $A$  on  $\text{ev}$ ).

The asymmetry of spec  $D$  measured by  $\eta(0)$  is a global invariant of...

...546--606; MR 38#5245]. A unitary representation  $\alpha: \pi_1(Y) \rightarrow U(n)$  defines a flat vector bundle  $V_\alpha$  on the odd-dimensional manifold...

...defect of the signature on the covering  $\tilde{X} \rightarrow X$  is then the  $\eta$ -invariant that is associated with the representation  $\alpha$  of  $\pi_1(\tilde{X})$ , where  $\alpha$  is the regular representation of  $G$ . The use of cohomology with local...

...Neumann ('Signature related invariants of manifolds', preprint, Univ. Bonn., Bonn, 1974; to appear). If one **replaces**  $B$  by other operators, for example the Dirac operator, one obtains analogous invariants only after reducing  $\text{mod } 2$ . One reason for this is that  $\eta(0)$  is in...

...of  $A$  and the metric. Under continuous variation of  $A$  some

eigen-values may change **sign** , but as the index formula shows  $\xi(0)=(h+\eta(0))/2$  can have only...

... $\alpha$  are  $SG$ -bordism invariants and can be identified with equivariant  $KS$ -theory **characteristic** numbers. For example, if one allows operators with coefficients in vector bundles, one obtains enough...

... $v$ -invariants leads to a method for computing these numbers via fixpoints of the group **action** . The above invariants are also related to Chern-Simons invariants (for the tangent bundle). They are more refined invariants in the sense that they involve not only integral **characteristic** classes but also classes with rational coefficients. If one multiplies away the denominators, they become...

...of  $A$  at the origin is a homotopy invariant of  $A$ , depending only on the **symbol** class of  $A$ , which is for a self-adjoint operator an element in  $K\text{-sp}$ ...

...For fixed  $\alpha$  the number  $\tilde{\xi}(\alpha, A)$  depends only on the **symbol** class of  $A$ , so the map  $A \mapsto \tilde{\xi}(\alpha, A)$  defines a homomorphism  $\text{text} \{ \text{ind} \}(\alpha : K\text{-sp} 1(TY) \rightarrow \{ \text{bf } R \} / \{ \text{bf } Z \})$ . This is...  $\rightarrow K\text{-sp} 0(TY, \{ \text{bf } R \} / \{ \text{bf } Z \})$  one gets from  $A$  and the **symbol** class of  $A$  an element in  $K\text{-sp} 0(TY, \{ \text{bf } R \} / \{ \text{bf } Z \})$ , on...

...example, one can compute for certain elements of finite order their value under the direct **image** map  $K\text{-sp} \ast(Y, \{ \text{bf } Q \} / \{ \text{bf } Z \}) \rightarrow \{ \text{bf } Q \} / \{ \text{bf } Z \}$  (Kronecker...

36/3,K/12 (Item 8 from file: 239)  
DIALOG(R)File 239:Mathsci  
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01230513 MR 37##6059  
**Beweisalgorithmen fur die Pradikatenlogik.**  
Veenker, G.  
Computing (Arch. Elektron. Rechnen)  
1967, 2, 263--283  
Language: German Summary Language: English  
Subfile: MR (Mathematical Reviews) AMS  
Abstract Length: LONG (67 lines)  
Reviewer: Schatz, J. A.

...of signed atomic formulas (called literals). Two literals are interconnected if they differ only in **sign** . The variables in  $F\text{-sp } n$  are renamed so that no variable occurs in two different clauses. An assignment  $\beta$  is a **replacement** of variables by terms formed from the variables, constants, and function **symbols** in  $F\text{-sp } n$ . An assignment is called a covering if no variable is **replaced** by a term which property contains it. Finally,  $\beta F\text{-sp } n$  is completely interconnected...

... $\beta$  for which  $\beta's = \beta't$ , whenever this is possible. The limitation of variable **replacements** to coverings is presumably to prevent the algorithm from trying to identify say  $x$  and...

...This reduces the amount of storage required, which is important, since the author's programs **run** on a computer with 2000 **words** of core storage.

The author's second procedure is based on an algorithm for systematically...

36/3,K/13 (Item 9 from file: 239)  
DIALOG(R)File 239:Mathsci  
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01029422 MR 10,595c  
On a new method in elementary number theory which leads to an elementary



**proof of the prime number theorem.**

Erdos, P.  
Proc. Nat. Acad. Sci. U. S. A.  
1949, 35,, 374--384  
Language: English  
Subfile: MR (Mathematical Reviews) AMS  
Abstract Length: LONG (193 lines)  
Reviewer: Ingham, A. E.

... $pq \leq x$ )  $\log p \log q \sim 2x \log x$ , \tagl \$\$ where  $p, q$  run over primes. The formula might be deduced from the PNT or its equivalent  $\vartheta(x) \sim$

...a) the discovery by Selberg of an elementary proof (indeed with  $\sim 2x \log x$ '' replaced by  $\sim 2x \log x + O(x)$ ,'') though this refinement is not required for the application...

... $\sum_{p \leq x} \vartheta(x/p) \log p \sim 2x \log x$ , \tag\$ \textbf{1}'\$ \$\$ which may be rewritten as  $s(x) + \frac{1}{\log x} \sum_{p \leq x} \epsilon_p s(x/p) \rightarrow 2$ , \tag\$ \textbf{1}''\$ \$\$ where  $s(x) = \vartheta(x)/x$  and  $\epsilon_p = (\log p)/p$ ; and...

...the connection of  $s(x)$  with the weights  $\epsilon_p$ . Suppose that  $a = \lim_{x \rightarrow \infty} s(x) < \lim_{x \rightarrow \infty} s(x) = A$ . We ... $x$ . [This is the sense of lemma 5 of Erdos's paper, but the inequality **signs** in the conclusion and in most of the proof have become reversed. A list of...

...377, line 14 from below) for  $\vartheta(x)$  read  $\vartheta(x/p)$ ; (p. 378 (14)) **move** last square bracket two places to the right; (p. 376, line 9 from below; p. 383, line 3) **symbols** following  $C' > C$  and  $I_i =$  badly printed (but meaning clear).] Now  $(\alpha), (\beta) \dots$

...311 is confusing, since the proof that (3.2) still holds if  $R(n)$  changes **sign** does not seem to be valid until the order of  $x'/x$  has been suitably restricted. Also the argument of the **text** seems to use a sharpened version of (1), though the full form with error  $O(\dots)$

45/3,K/1 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00396990 95PW09-015

**Macromedia FreeHand 5 for Windows**

Goddard, John; Kenny, Cathy  
PC World , September 1, 1995 , v13 n9 p72, 1 Page(s)  
ISSN: 0737-8939  
Company Name: Macromedia  
Product Name: Macromedia FreeHand for Windows

... creating custom text style sheets and it includes a spelling checker and a search-and- **replace** feature. New **text** handling allows users to place text along a curved line or around a spiral. The...

... by service bureaus. The program has more than 500 fonts and 10,000 clip art **images** . Support for Windows 95 gives it 32-bit file access and long file names. Includes...

45/3,K/2 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00396228 95PI09-101

**ABC FlowCharter 6.0**

Caster, Kathleen  
PC Magazine , September 12, 1995 , v14 n15 p226, 1 Page(s)  
ISSN: 0888-8507  
Company Name: Micrografx  
Product Name: ABC FlowCharter

... package from Micrografx (800, 214). The program is part of a suite with Designer and **Picture** Publisher, also from Micrografx. It is fully Windows 95- and Microsoft Office-compliant and Win32s...

... in the suite share Binder support, OLE 2.0 automation (in FlowCharter), and multithreading (in **Picture** Publisher and Designer). New in this release are an improved spreadsheet in the DataAnalyzer with custom-labeled columns for each chart type. This release now offers **text** search-and-**replace** capability, OLE 2.0 in-place editing, and new toolbars for preset styles and data...

45/3,K/3 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00319556 93DT07-013

**Let your data drive your graphics**

Ewig, Marshall; Tolvo, Terry  
DATA BASED ADVISOR , July 1, 1993 , v11 n7 p103-133, 10 Page(s)  
ISSN: 0740-5200

Discuss the use for data-driven graphics, defined as an **icon** or **picture** that **replaces** **text** or numerical information in a printed publication, or the as a **picture** that varies with specific or unique values in the database. Details how to use these...

45/3,K/4 (Item 4 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00318515 93MW07-033

**Iconomics 101 -- Everything you'd possibly want to read about Mac** icons  
Pogue, David

**Iconomics 101 -- Everything you'd possibly want to read about Mac icons**  
THE DESKTOP CRITIC column describes several programs which can be used to edit **icons** . All the shareware programs have been placed in the Macworld forum of America Online so...

... access them. Programs described are IconBoss 1.01 (\$25) by Scott Johnson, Fort Wayne, IN; **Icon** Editor 1.0 (\$24.95) by Troy Anderson; I Like **Icon** 1.0 (\$59.95) from Baseline Publishing (901); **Icon** 7 1.0 (\$79.95) from Inline Design (203); **Icon** Wizard 1.0 (\$22) by Mike Samuels; Folder **Icon** Maker 1.1 (free) by Gregory Robbins; and Visage (\$25) by Scott Searle, Mukilteo, WA. A sidebar describes three programs which can **replace** words in the menu bar with **icons** . Includes one screen display. (djd)

Descriptors: **Icon** ; Software Review

**45/3,K/5 (Item 5 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00318043 93BR07-033

**Microsoft Word 6 made easy -- Osborne McGraw-Hill, 1993. 298 pp, \$20 (p). IL. ISBN: 0-0788-1939-3**

Hoffman, Paul

Computer Book Review , July 1, 1993 , v11 n4, 1 Page(s)

ISSN: 0737-0334

Company Name: Osborne McGraw-Hill

Product Name: Microsoft Word 6 made easy

Contents: Getting started; editing; Windows; moving and copying **text** ; searching and **replacing** ; glossaries; **pictures** ; printing; formatting; styles; form letters; tables and footnotes; customizing; outlining; TOCs and indexes; proofing; sorting...

**45/3,K/6 (Item 6 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00315922 93PI06-013

**Create high-end training tools with Authorware 2.0**

Poor, Alfred

PC Magazine , June 15, 1993 , v12 n11 p50, 1 Page(s)

ISSN: 0888-8507

Company Name: Macromedia

Product Name: Authorware Professional for Windows

... Windows 3.0 or later. The program uses a visual flowchart metaphor which provides 12 **icons** which can be connected to create logic structures. **Icon** attributes can be edited in the workspace. The program also provides drawing tools which can create or annotate **images** . For large programs, a 'map' **icon** is available which acts as a place holder for a collection of **icons** . The program supports sound, animated movies, and video in a large number of file formats. It has improved text-handling and interactive-response features as well as **text** search-and- **replace** . It includes a runtime version which can be freely distributed if the application is distributed...

**45/3,K/7 (Item 7 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00315818 93MW06-035

**Stickbear's Reading Room 2.2a**

Glorfeld, Jeff  
Macworld , June 1, 1993 , v10 n6 p166, 1 Page(s)  
ISSN: 0741-8647  
Company Name: Optimum Resource  
Product Name: Stickybear's Reading Room

... four modules. Word Bop is an arcade-style game in which the player shoots at **pictures** scrolling across the screen. When a **picture** is hit, its **word** **replaces** it. Word Find displays a sentence with one word missing over a **picture** and the player must choose the correct word for the **picture** from three presented. Word Match displays a word and six **pictures** or six words and a **picture** , and the player must match the word to the **picture** . Sentence Builder provides three nouns, three verb phrases, and three subjects and after one of...

45/3,K/8 (Item 8 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00309254 93PU04-012

**PasteUp**  
Reynolds, Rick  
Publish , April 1, 1993 , v8 n4 p72, 1 Page(s)  
ISSN: 0897-6007  
Company Name: RightBrain Software  
Product Name: PasteUp

...PasteUp is very easy to use, and increases productivity with features such as Find and **Replace** for changing **text** and colors either globally or on a case-by-case basis. Notes that object placement...

... on screen, at any resolution. However, says PasteUp cannot recognize spot colors on most imported **images** , and it has no automatic trapping function. Rated four stars out of five. Includes one...

45/3,K/9 (Item 9 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00273109 92DM04-003

**GUI report tools -- Easy SQR and PageAhead: powerful report creation from Windows.**

Roti, Steve  
DBMS , April 1, 1992 , v5 n4 p26-28, 2 Page(s)  
ISSN: 1041-5173  
Company Name: PageAhead Software; SQL Solutions  
Product Name: PageAhead; Easy SQR for Windows

... software, provides both query by example and SQL interfaces to specify queries, and supports sophisticated **text replacements** , but says the documentation is brief and sometimes inaccurate. Says Easy SQR for Windows is...

... report styles for form letters, mailing labels, and data export. However, it cannot query graphic **images** stored in the database. Contains 2 screen displays and 1 photo. (jo)

45/3,K/10 (Item 10 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00250689 91PW10-004

**Ventura turns color -- Ventura's new color features will make a big splash with graphic artists, but business users may hunger for more.**  
Berst, Jesse

... spelling checker and can import Word for Windows documents directly. It supports 24-bit color **images** and allows the user to specify CYMK, Pantone, and other major color standards. It can also import charts and drawings and hot link them to other Windows applications. Color **images** can scanned, edited, and separated from within Ventura through extensions developed by Pre-Press Technologies...

... 495, and the high-end separator \$3,995. New editing functions allow searching for and **replacing text**, fonts, attributes, and style tags. The interface of this release is a mixture of Windows...

**45/3,K/11 (Item 11 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00106508 85PD05-015

**Enigma adventure**

Hetherington, Tony

Personal Computer World , May 1985 , v8 n5 p216, 1 Pages

... six characters into a spaceship and rescue the captive ambassador. Mentions it uses Mac-style **icons** to **replace text** and make the game play faster. Includes three illustrations.

**45/3,K/12 (Item 1 from file: 256)**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00085197 DOCUMENT TYPE: Review

**PRODUCT NAMES: Harvard Graphics Pro Presentations 95 4.0 (349933)**

**TITLE: Harvard's Class of '95**

**AUTHOR: Angus, Jeff**

**SOURCE: Windows Sources, v3 n11 p277(1) Nov 1995**

**ISSN: 1065-9641**

**HOME PAGE: <http://www.winsources.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Review**

**GRADE: A**

**REVISION DATE: 20010730**

...There is a wide range of drag-and-drop capabilities, allowing users to drag an **image** or text between multiple programs, or create a file in Harvard Graphics and place it in a presentation program. Montage Lite is a new **image** browser with clip art that allows users to drag **icons** into their presentation. The Check Desing module does a better job checking for inconsistencies. Users can also search and **replace text** in an entire presentation and expand or contract the vertical spacing of slide text.

**45/3,K/13 (Item 2 from file: 256)**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

(c)2002 Info.Sources Inc. All rts. reserv.

00081936 DOCUMENT TYPE: Review

**PRODUCT NAMES: FreeHand Windows 95 5.0 (419257)**

**TITLE: Graphics Glasnost: Add-Ins OK**

**AUTHOR:** Ginsburg, Lynn

**SOURCE:** Windows Magazine, v6 n10 p132(1) Sep 1995

**ISSN:** 1060-1066

**HOME PAGE:** <http://www.winmag.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Review

**GRADE:** A

**REVISION DATE:** 19990630

...ins. There are some features that assist text, with a spell checker, a search and **replace**, and an optional **text** -edit window.

**DESCRIPTORS:** Windows; Draw; **Image** Processing; IBM PC & Compatibles; Graphics Tools

**45/3,K/14 (Item 3 from file: 256)**

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00077385 DOCUMENT TYPE: Review

**PRODUCT NAMES:** FreeHand Macintosh 5.0 (419257)

**TITLE: FreeHand 5.0: The Next Generation**

**AUTHOR:** Goodman, Ben

**SOURCE:** Computer Shopper, v15 n5 p511(2) May 1995

**ISSN:** 0886-0556

**HOME PAGE:** <http://www.computershopper.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20001130

...its merger with Adobe Systems, is now PowerPC native, and includes many new features including **text** stylesheets, search and **replace**, and drop-in tool architecture. The program has been completely rewritten, and has an impressive...

**DESCRIPTORS:** Graphics Tools; **Image** Processing; Draw; Apple Macintosh; MacOS

**45/3,K/15 (Item 4 from file: 256)**

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00076287 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Visual RPG Development System 1.2 (552984)

**TITLE: Visual RPG Development System for Windows 1.2**

**AUTHOR:** Miller, Glenn

**SOURCE:** News 3X/400, p81(4) Mar 1995

**ISSN:** 1040-6093

**RECORD TYPE:** Review

**REVIEW TYPE:** Review

**GRADE:** B

**REVISION DATE:** 19960228

Visual RPG Development System for Windows 1.2 from Cozzi Research, a

Windows RPG source **code** editor, can **replace** the AS/400 Source Entry Utility (SEU) for development. The product is an excellent online...

...RPG language. The workspace is compact, clean, and easily configured. The product installation provides four **icons** : for the online help system, product license description, Host Source Transfer (HST) utility, and Visual ...

**45/3,K/16 (Item 5 from file: 256)**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00068770 DOCUMENT TYPE: Review

**PRODUCT NAMES: FreeHand 5.0 Macintosh (419257)**

**TITLE: Altsys Redrawing FreeHand**

**AUTHOR:** Said, Carolyn

**SOURCE:** MacWEEK, v8 n38 p1(2) Sep 26, 1994

**ISSN:** 0892-8118

**HOME PAGE:** <http://www.macweek.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20001130

...and user-friendly than its major competitor, Illustrator. The new release provides a spelling checker, **text** search/ **replace** , shortcut keys, and new highlight, strikethrough, and underline functions. Xtras, or plug-ins from third...

**DESCRIPTORS:** Draw; Apple Macintosh; **Image** Processing; Graphics Tools; MacOS

**45/3,K/17 (Item 6 from file: 256)**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00068684 DOCUMENT TYPE: Review

**PRODUCT NAMES: Adobe Illustrator 5.5 PowerMac (017036)**

**TITLE: Adobe Illustrator 5.5**

**AUTHOR:** McClellan, Deke

**SOURCE:** Macworld, v11 n9 p56(2) Sep 1994

**ISSN:** 0741-8647

**HOME PAGE:** <http://www.macworld.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Review

**GRADE:** A

**REVISION DATE:** 20001130

...product is bundled with Acrobat Distiller and the PDF Writer driver. When printer fonts and **images** are usable during PDF conversion, the product can edit text and graphic objects. Other enhancements include an innovative wrapping tab; text-to-table conversion; rectangle-to-grid conversion; **text** search-and- **replace** ; and refined punctuation options. Automatic trapping support includes a Pathfinder filter with settings for thickness...

**DESCRIPTORS:** Graphics Tools; **Image** Processing; Draw; PowerMac; MacOS; Apple Macintosh

45/3,K/18 (Item 7 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00066281 DOCUMENT TYPE: Review

PRODUCT NAMES: TopDown Flowcharter (Macintosh Version) 4.0 (663689)

TITLE: TopDown Beats Most Drawing Packages in Documenting Complicated...  
AUTHOR: Heck, Mike  
SOURCE: InfoWorld, v16 n29 p97(1) Jul 18, 1994  
ISSN: 0199-6649  
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 19980130

...diagramming procedures. Users can even create their own symbols, in addition to the collection of **icon** symbols included in the package. Much of the work is automated, and developing a chart...

...as they are drawn. Text can be placed within any symbol, and users can perform **text** searches and **replaces**. TopDown allows for multipage diagrams simply by double-clicking on the title.

45/3,K/19 (Item 1 from file: 239)  
DIALOG(R)File 239:Mathsci  
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02738763 MR 97m#83039  
**Quantum-iso-gravity.**  
Santilli, Ruggero Maria  
Comm. Theoret. Phys. (Allahabad)  
Communications in Theoretical Physics (Allahabad), 1995, 4, no. 2,  
215--231. ISSN: 0971-2828  
Language: English Summary Language: English  
Subfile: MR (Mathematical Reviews) AMS  
Abstract Length: LONG (26 lines)  
Reviewer: Popova, A. D. (RS-MOSC-A)

...general relativity). The isounit can be thought of as an abstract entity, and abstract isotopic **images** of any physical theory can be done with mathematical consistency. Isotopies can be physically nontrivial...

...is to embed gravitation in the unit of the conventional relativistic quantum mechanics, in other **words** to **replace** the latter by an isounit. QIG also permits an introduction of the iso-Poincare symmetry...

45/3,K/20 (Item 2 from file: 239)  
DIALOG(R)File 239:Mathsci  
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02606638 MR 96i#05179  
**Plactification.**  
Reiner, Victor (Department of Mathematics, University of Minnesota,  
Minneapolis, Minnesota, 55455)  
Shimozono, Mark (Department of Mathematics, University of Minnesota,  
Minneapolis, Minnesota, 55455)  
Corporate Source Codes: 1-MN; 1-MN  
J. Algebraic Combin.  
Journal of Algebraic Combinatorics. An International Journal, 1995, 4



, no. 4, 331--351. ISSN: 0925-9899 CODEN: JAOME7  
 Language: English Summary Language: English  
 Subfile: MR (Mathematical Reviews) AMS  
 Abstract Length: LONG (39 lines)  
 Reviewer: Park, SeungKyung (KR-YNS)

...from  $S_a$  by removing its first letter  $r$  and  $\sigma_{r(b)}$  is the word which replaces the subword  $r s(r+1) t$  by  $r t(r+1)$ .

...skew tableau of the same shape, and the converse is also true. To characterize the image  $\phi(\text{Red}(w))$  [I. G. Macdonald, 'Notes on Schubert polynomials', Tech. Rep., Publ. Lab...

45/3,K/21 (Item 3 from file: 239)  
 DIALOG(R)File 239:Mathsci  
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02566870 MR 96e#53093  
**Embedded flat tori in the unit  $S^3$ -sphere.**  
 Kitagawa, Yoshihisa (Department of Mathematics, Utsunomiya University, Mine, Utsunomiya, Tochigi, 321, Japan)  
 Corporate Source Codes: J-UTSU  
 J. Math. Soc. Japan  
 Journal of the Mathematical Society of Japan, 1995, 47, no. 2, 275--296. ISSN: 0025-5645 CODEN: NISUBC  
 Language: English  
 Subfile: MR (Mathematical Reviews) AMS  
 Abstract Length: MEDIUM (13 lines)  
 Reviewer: Rassias, George M. (Athens)

...is an isometric embedding of a flat torus  $M$  into  $S^3$ , then the image  $f(M)$  is invariant under the antipodal map of  $S^3$ .

Note that in the above theorem the word 'embedding' cannot be replaced by 'immersion'. In fact, the author proves the following theorem: There exist a flat torus  $M$  and an isometric immersion  $f: M \rightarrow S^3$  such that the image  $f(M)$  is not invariant under the antipodal map of  $S^3$ . However, the...

45/3,K/22 (Item 4 from file: 239)  
 DIALOG(R)File 239:Mathsci  
 (c) 2001 American Mathematical Society. All rts. reserv.

02396832 MR 93j#13020  
**Phantom homology.**  
 Hochster, Melvin (Department of Mathematics, University of Michigan, Ann Arbor, Michigan, 48109)  
 Huneke, Craig (Department of Mathematics, Purdue University, West Lafayette, Indiana, 47907)  
 Corporate Source Codes: 1-MI; 1-PURD  
 Mem. Amer. Math. Soc.  
 Memoirs of the American Mathematical Society, 1993, 103, no. 490, vi+91 pp. ISSN: 0065-9266 CODEN: MAMCAU  
 Language: English  
 Subfile: MR (Mathematical Reviews) AMS  
 Abstract Length: LONG (90 lines)  
 Reviewer: Miller, Matthew (1-SC)

...  $P_M \subseteq P$  for all  $I$  and prime ideals  $P$ . If  $R$  is the image of a Gorenstein ring, the weakly C-M locus of  $M$  is open in  $\text{operatorname{Spec}} R$ .

...  $i$  for all  $i$ . The authors show that if  $R$  is a finite-dimensional image of a Gorenstein ring, the rank condition holds after tensoring with  $R_{\mathfrak{p}}$ , and  $\text{minheight}$  replaces  $\text{depth}$  in the inequality for  $i$ , then  $h_i(F_{\mathfrak{p}}) \geq \dots$

...over  $R$ . Then if  $R$  is sufficiently nondegenerate and  $S$  is

regular, the **image** must vanish over  $\mathbb{S}^3$ . A special case for local cohomology is strong enough to re...

... $R$  to  $T$  and  $\mathbb{S}$  to  $T$  or a condition on test elements, then the **images** of  $H_{\bullet} i(R \otimes_{\bullet} A/M_{\bullet})$  and  $H_{\bullet} i...$

**45/3,K/23 (Item 5 from file: 239)**

DIALOG(R)File 239:Mathsci

(c) 2001 American Mathematical Society. All rts. reserv.

01443464 MR 56##1813

**Commutative grammars.**

Crespi-Reghizzi, S.

Mandrioli, D.

Calcolo

1976, 13, no. 2, 173--189.

Language: English

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (29 lines)

Reviewer: Valk, Rudiger

...ordinary phase structure grammars. In these grammars the finite strings of sentential forms and terminal **words** are **replaced** by objects, called bags, which are represented by strings where the order of letters is ...

...paper it is proved that commutative languages generated by commutative grammars have the same Parikh **images** as ordinary languages generated by matrix grammars. This result was independently obtained by van Leuven...

...shown that commutative languages, matrix languages and Szilard languages of matrix grammars have identical Parikh **images**.

**45/3,K/24 (Item 6 from file: 239)**

DIALOG(R)File 239:Mathsci

(c) 2001 American Mathematical Society. All rts. reserv.

01404068 MR 53##7851

**Un code pour les graphes planaires et ses applications.**

With an English abstract. Asterisque, No. 27.

Cori, Robert

Publ: Societe Mathematique de France, Paris,

1975, i+169 pp.

Language: English

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (113 lines)

Reviewer: Walsh, T. R. S.

...to-last line of page 100, the words ' $mots\ de\ longueur\ 2n-2$ ' should be **replaced** by the words ' $triples\ de\ mots\ dont\ la\ somme\ des\ longueurs\ est\ 2n-2$ '.

The third part of...

...code-language, convert this equation to one satisfied by the series which is the commutative **image** of that language, and then, if the series is algebraic (which it must be if...

**45/3,K/25 (Item 7 from file: 239)**

DIALOG(R)File 239:Mathsci

(c) 2001 American Mathematical Society. All rts. reserv.

01340289 MR 49##5021

**The Picard invariant of a principal homogeneous space.**

Childs, Lindsay N.

Magid, Andy R.

J. Pure Appl. Algebra  
1974, 4, 273--286.  
Language: English  
Subfile: MR (Mathematical Reviews) AMS  
Abstract Length: LONG (27 lines)  
Reviewer: Small, C.

... $l \times s_b 2$ , where  $x \cdot s_b 1[x \cdot s_b 2, x \cdot s_b 3]$  denotes the **image** of  $x$  under the map induced by  $\sigma \mapsto (\sigma, 1)$   $[\sigma \mapsto (1, \sigma)$   
...

...Amer. Math. Soc. 153 (1971), 181--189; MR 42\#4554] in a more general setting: **replace**  $\text{\textit{Spec}}(R)$  by a prescheme  $XS$ ,  $GS$  by a finite commutative group scheme over  $X$ ...

45/3,K/26 (Item 8 from file: 239)  
DIALOG(R)File 239:Mathsci  
(c) 2001 American Mathematical Society. All rts. reserv.

01272578 MR 42\#7443

**Fermeture de certaines classes de langages formels sous des permutations linguistiques.**

Boucher, Claude  
Rev. Francaise Informat. Recherche Operationnelle  
1969, 3, Ser. R-2 51--61  
Language: Russian Summary Language: Loose English  
Subfile: MR (Mathematical Reviews) AMS  
Abstract Length: MEDIUM (25 lines)  
Reviewer: Ginsburg, S.

...occurrence of each symbol in  $\Sigma$ , then  $P \cdot \phi(L)$  contains each **word** obtained by **replacing** exactly one occurrence of each element in  $\Sigma$  by its permutation. By using...

...scr  $L$ . The set  $L$  of all words obtained by (ii) is the **image** of  $L$  under some  $\epsilon$ -free  $a$ -transducer. Thus  $L$  is in  $\text{scr}$ ...

45/3,K/27 (Item 9 from file: 239)  
DIALOG(R)File 239:Mathsci  
(c) 2001 American Mathematical Society. All rts. reserv.

01222863 MR 36\#5897

**Fixed points of maps of  $\beta \backslash N$ .**

Frolik, Zdenek  
Bull. Amer. Math. Soc.  
1968, 74, 187--191  
Language: English  
Subfile: MR (Mathematical Reviews) AMS  
Abstract Length: LONG (29 lines)  
Reviewer: Comfort, W. W.

... $F \cap M$ . The author's main result, Theorem A, is a sharpened version of  $\text{\textit{A}}$ , obtained by **replacing**  $\text{\textit{onto}}$  by  $\text{\textit{into}}$ . An immediate corollary is Theorem B, essentially obtained by R. A. Raimi...

...never a retract of  $\beta M$ , and that  $\beta M \backslash M$  is a continuous **image** of  $\beta M$  if and only if  $\text{vert } M \text{vert} = \text{vert } M \text{vert}$   
 $\sp{\boldsymbol{\cdot}}$ ...

45/3,K/28 (Item 10 from file: 239)  
DIALOG(R)File 239:Mathsci  
(c) 2001 American Mathematical Society. All rts. reserv.

01179812 MR 31\#4038

**Fibering within a cobordism class.**

Conner, P. E.

Floyd, E. E.

Michigan Math. J.

1965, 12, 33--47

Language: English

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: MEDIUM (23 lines)

Reviewer: Szczarba, R. H.

...next result is a generalization of the result above. Let  $N(k)$  be the **image** of  $K=\text{kernel}\chi$  under the homomorphism  $N\rightarrow N$  taking  $M\mapsto$

...or  $S$ , then  $M^2=0$ . It is conjectured that this result holds with  $O(k)$  **replaced** by any connected Lie group.

**45/3,K/29 (Item 11 from file: 239)**

DIALOG(R)File 239:Mathsci

(c) 2001 American Mathematical Society. All rts. reserv.

01179381 MR 31##3613

**Boundary images of meromorphic functions.**

Church, P. T.

Trans. Amer. Math. Soc.

1964, 110, 52--78

Language: English

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (41 lines)

Reviewer: MacLane, G. R.

**Boundary images of meromorphic functions.**

...is continuous, then  $f(D)$  is a Peano continuum (i.e., the continuous **image** of a closed interval). The author answers completely the following two questions. (1) Given a...

...D).  $C_1$ : Same as  $C_1$ , except that 'meromorphic' is **replaced** by 'holomorphic'.  $C_2$ : There exists a finite or countably infinite family of simply connected regions...

**45/3,K/30 (Item 12 from file: 239)**

DIALOG(R)File 239:Mathsci

(c) 2001 American Mathematical Society. All rts. reserv.

01122828 MR 23##A145

**Osnovy teorii Galua.**

Foundations of Galois theory

Postnikov, M. M.

Publ: Gosudarstv. Izdat. Fiz.-Mat. Lit., Moscow

1960, 124pp.

Language: Russian

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: LONG (68 lines)

Reviewer: Schwerdtfeger, H.

...into'),  $H'\triangleleft G$ , and let  $H=\varphi_{-1}(H')$  be the complete inverse **image** of  $H'$ . Then  $H'\triangleleft G$  and the induced homomorphism  $\overline{\varphi}:G/H\rightarrow$

...34, line 7 from below: replace  $e'$  by  $e$ ; p. 57, line 5 of the **text** : **replace**  $SH$  by  $SH'\setminus$  ...

**45/3,K/31 (Item 13 from file: 239)**

DIALOG(R)File 239:Mathsci

(c) 2001 American Mathematical Society. All rts. reserv.

01054028 MR 14,856g

On the change of variables in the multiple integrals.

Seki, Setsuya

J. Math. Soc. Japan

1952, 4,, 218--230

Language: English

Subfile: MR (Mathematical Reviews) AMS

Abstract Length: MEDIUM (17 lines)

Reviewer: Rado, T.

...text 2}) If  $S$  is a set of Lebesgue measure zero in  $D$ , then its  
**image**  $fS$  is also of Lebesgue measure zero. (A\sb {\text 3})  $f$  is  
totally differentiable...

...defined by  $f$ . A similar result is established for the case when  
condition (A\sb {\text 1}) is **replaced** by the less restrictive  
requirement that  $f$  is locally homeomorphic almost everywhere in  $D$ .  
These...

?

File 348:EUROPEAN PATENTS 1978-2002/Jul W04

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020801,UT=20020725

(c) 2002 WIPO/Univentio

Set	Items	Description
S1	7259	ASCII OR AMERICAN() STANDARD() CODE(1W) INFORMATION() INTERCHA- NGE
S2	86344	GRAPHIC?
S3	487226	ICON? OR IMAGE? OR SYMBOL?? OR PICTURE? OR PICS OR LOGOS OR LOGO OR HIEROGLYP?
S4	98843	TRADENAME? OR TRADE()NAME? OR TRADEMARK? OR TRADE()MARK?
S5	1335250	ART
S6	69542	TEXT OR ALPHANUMERIC? OR ALPHABET?
S7	223092	DISPLAY?
S8	588182	ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR - MOTION? OR STREAM? OR TICKER?? OR AUTOSCROLL?
S9	1492372	S2:S6
S10	86	S1(5N)S9(S)S7(S)S8
S11	70	S10 NOT ANIMAT?
S12	16	S10 NOT S11
S13	26	S11 NOT AD=19960116:20020807
S14	3	S12 NOT AD=19960116:20020807
S15	2	S1(3N)S9(3N)(SCROLL? OR TICKER)
S16	1	S15 NOT AD=19960116:20020807
S17	0	S1(3N)(S3 OR S4 OR S6)(5N)TICKER?
S18	0	S1(3N)(S3 OR S4 OR S6)(5N)AUTOSCROLL?

13/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00756966

Editing method and editor for images in structured image format  
Bildaufbereitungsverfahren und Editor für Bilder auf strukturiertem  
Bildformat

Methode d'édition et éditeur d'images en format d'image structure

PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, Rochester New York 14644, (US)  
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LEGAL REPRESENTATIVE:

Skone James, Robert Edmund et al (50281), GILL JENNINGS & EVERY Broadgate  
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PATENT (CC, No, Kind, Date): EP 712096 A2 960515 (Basic)  
EP 712096 A3 961204

APPLICATION (CC, No, Date): EP 95308109 951113;

PRIORITY (CC, No, Date): US 338856 941114

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06T-011/60;

ABSTRACT WORD COUNT: 60

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	358
SPEC A	(English)	EPAB96	7355
Total word count - document A			7713
Total word count - document B			0
Total word count - documents A + B			7713

...SPECIFICATION text, etc. By "associating" it is meant that the editor  
need only access the description ( ASCII file) of the image without  
- editing the bits, whereas the Fig. 1 editor must access bits to edit, -  
especially...

...be edited in the structural views, whereupon the ASCII code  
describing the IPO would be displayed and edited.

In operation, a user would input through a user interface a portion of  
...

13/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00625460

Method and apparatus for creating, indexing and viewing abstracted  
documents.

Verfahren und Gerät zum Herstellen, Indexieren und Anschauen von  
zusammengefassten Dokumenten.

Procede et dispositif pour creer, indexer et regarder des documents  
resumes.

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,  
Tokyo, (JP), (applicant designated states: DE;FR;GB)

CANON INFORMATION SYSTEMS, INC., (1553870), 3188 Pullman Street, Costa  
Mesa, CA 92626, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

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Yagasaki, Toshiaki, c/o Canon Info. Systems, Inc., 3188 Pullman Street,  
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LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick  
 Court High Holborn, London WC1R 5DJ, (GB)  
 PATENT (CC, No, Kind, Date): EP 609996 A2 940810 (Basic)  
 EP 609996 A3 950215  
 APPLICATION (CC, No, Date): EP 94300376 940119;  
 PRIORITY (CC, No, Date): US 5444 930119  
 DESIGNATED STATES: DE; FR; GB  
 INTERNATIONAL PATENT CLASS: G06F-015/403;  
 ABSTRACT WORD COUNT: 224

LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	1615
SPEC A	(English)	EPABF2	5410
Total word count - document A			7025
Total word count - document B			0
Total word count - documents A + B			7025

...SPECIFICATION returns to Step S707 to await further designations by the operator.

In Figure 9, the **ASCII text** equivalent for region 54 does not fit into the allotted area. In this situation, CPU 11 only **displays** the amount of text that will fit, but, so as to allow the operator to view all the text, CPU 11 permits **scrolling** within the area.

As further shown in Figure 9, the operator has requested for the...

13/3,K/3 (Item 3 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2002 European Patent Office. All rts. reserv.

00603915

**Document transport apparatus**

**Fordervorrichtung fur Dokumente**

**Dispositif de transport de document**

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,  
 Tokyo, (JP), (applicant designated states: DE;FR;GB;IT)

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Melen, Roger, D., 12992 Visto Del Valle, Los Altos, California 94022,  
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LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick  
 Court High Holborn, London WC1R 5DJ, (GB)  
 PATENT (CC, No, Kind, Date): EP 607701 A2 940727 (Basic)  
 EP 607701 A3 940817  
 EP 607701 B1 970910  
 APPLICATION (CC, No, Date): EP 93310566 931224;  
 PRIORITY (CC, No, Date): US 3553 930113  
 DESIGNATED STATES: DE; FR; GB; IT  
 INTERNATIONAL PATENT CLASS: B41J-013/10;  
 ABSTRACT WORD COUNT: 154

LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9709W1	710
CLAIMS B	(German)	9709W1	774
CLAIMS B	(French)	9709W1	894
SPEC B	(English)	9709W1	3327
Total word count - document A			0
Total word count - document B			5705
Total word count - documents A + B			5705



...SPECIFICATION pen, etc., or a combination thereof.

Information from within buffer 22 may be portrayed on **display 23**, showing all the instruction text, blocks for addresses, boxes to be checked, arrows, letterheads, seals, and related graphics. The image on **display 23** preferably is made to look exactly like the original document 11. The human operator edits this information by activating input device 3. The operator **scrolls** (and pans) the **display 23** image, stopping at each blank region to be completed. In the case where input...

...3 is a keyboard, the operator places the cursor in the blank region and enters **ASCII text** from keyboard 3. The entered **ASCII text** may immediately be **displayed** in the blank region, and may be changed or deleted using word processor editing features...

...The operator can see the visible relationship between entered text and the original form on **display 23**. The operator can easily center the entered **ASCII text** up-right and left-down. Graphics information may be entered using a mouse 3 or...

13/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

00598818

Real time file builder.

Echtzeitdateienbildner.

Constructeur en temps reel de fichiers de donnees.

PATENT ASSIGNEE:

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Birkenhead Merseyside L41 6BR, (GB)

PATENT (CC, No, Kind, Date): EP 578391 A2 940112 (Basic)  
EP 578391 A3 950419

APPLICATION (CC, No, Date): EP 93304660 930615;

PRIORITY (CC, No, Date): US 906712 920701

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: G11B-027/031; G11B-027/34; H04N-005/92;  
G06F-015/40;

ABSTRACT WORD COUNT: 337

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	950
SPEC A	(English)	EPABF2	4280
Total word count - document A			5230
Total word count - document B			0
Total word count - documents A + B			5230

...SPECIFICATION palette to be used with various graphics images);

Action Buttons (i.e. a small graphic **displayed** at runtime which is associated with a preprogrammed action which executes when the user selects the small graphic by, for example, operation of a mouse or other

pointing device);

**Streaming Text** Files (e.g. an **ASCII** file which would be **displayed** synchronously with an audio playback of a spoken script as in an English subtitle to...

13/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

00544820

**Unified scanner computer printer**

**Kombination aus Scanner, Rechner und Drucker**

**Balayeur, ordinateur et imprimante combines**

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

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Melen, Roger D., c/o Canon Res. Center America Inc, 4009 Miranda Avenue, Palo Alto, CA 94304, (US)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 541262 A2 930512 (Basic)

EP 541262 A3 940323

EP 541262 B1 980422

APPLICATION (CC, No, Date): EP 92309422 921015;

PRIORITY (CC, No, Date): US 784919 911030

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-003/00;

ABSTRACT WORD COUNT: 116

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9817	521
CLAIMS B	(German)	9817	528
CLAIMS B	(French)	9817	584
SPEC B	(English)	9817	1860
Total word count - document A			0
Total word count - document B			3493
Total word count - documents A + B			3493

...SPECIFICATION electronic pen, etc., or a combination thereof.

Information from within buffer 22 is portrayed on **display** 23, showing all the instruction text, blocks for addresses, boxes to be checked, arrows, letterheads, seals, and related graphics. The image on **display** 23 is preferably made to look exactly like the original document 11. The human operator edits this information by activating input device 3. The operator **scrolls** (and pans) the **display** 23 image, stopping at each blank region to be completed. In the case where input...

...3 is a keyboard, the operator places the cursor in the blank region and enters **ASCII text** from keyboard 3. The entered **ASCII text** is immediately **displayed** in the blank region, and may be changed or deleted using word processor editing features...

...The operator can see the visible relationship between entered text and the original form on **display** 23. The operator can easily center the entered **ASCII text** up-right and left-down. Graphics information may be entered using a mouse 3 or...

13/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00507622

**SYSTEM AND METHOD FOR MONITORING COPIERS FROM A REMOTE LOCATION**

**SYSTEM UND METHODE ZUR FERNUBERWACHUNG VON KOPIERGERATEN**

**SYSTEME ET METHODE DE SURVEILLANCE A DISTANCE DE COPIEURS**

**PATENT ASSIGNEE:**

WEINBERGER, Joseph, (865500), 13 Guernsey Lane, East Brunswick, NJ 08816,  
(US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

**INVENTOR:**

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BRICAULT, Gary, 659 North Landing Road, Rochester, NY 14625, (US)  
LAIRD, James, 270 Field Street, Rochester, NY 14620, (US)

**LEGAL REPRESENTATIVE:**

Gervasi, Gemma, Dr. et al (40513), NOTARBARTOLO & GERVASI Srl, Corso di  
Porta Vittoria, 9, 20122 Milano, (IT)

PATENT (CC, No, Kind, Date): EP 543882 A1 930602 (Basic)

EP 543882 A1 940216

EP 543882 B1 980624

WO 9203789 920305

APPLICATION (CC, No, Date): EP 91914719 910812; WO 91US5599 910812

PRIORITY (CC, No, Date): US 567388 900814

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G03G-015/00;

**NOTE:**

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9826	1344
CLAIMS B	(German)	9826	1189
CLAIMS B	(French)	9826	1720
SPEC B	(English)	9826	7560
Total word count - document A			0
Total word count - document B			11813
Total word count - documents A + B			11813

...SPECIFICATION stream that is passed by a dynamic copier 2 consists of discrete display commands and **ASCII text** characters. The translator 6 strips the control characters and sends the **ASCII text stream** to the central computer 16 for evaluation and formatting. There are several other approaches to evaluating such a data **stream** . For example, sending the data directly to the central computer 16, unaltered, and letting the

...the key words can be achieved. Data can then be sent (by token or text **stream** ) to the central computer 16 for evaluation or reformatting.

The translators 6 are polled by...

13/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00398487

**Database System**

**Datenbasissystem**

**Systeme de base de donnees**

**PATENT ASSIGNEE:**

XEROX CORPORATION, (219781), Xerox Square - 020, Rochester New York 14644  
, (US), (applicant designated states: DE;FR;GB)

**INVENTOR:**

Putz, Steven B., 10521 Cypress Drive, Cupertino, California 95014, (US)  
Weiser, Mark D., 1144 Greenwood Avenue, Palo Alto, California 94304, (US)  
Demers, Alan J., Star Route 147-B,, Woodside, California 94062, (US)  
Spitz, Lawrence A., 2311 Bryant Street, Palo Alto, California 94301,  
(US)

**LEGAL REPRESENTATIVE:**

Reynolds, Julian David et al (76302), Rank Xerox Ltd Patent Department  
Parkway, Marlow Buckinghamshire SL7 1YL, (GB)

PATENT (CC, No, Kind, Date): EP 388050 A2 900919 (Basic)  
EP 388050 A3 930310  
EP 388050 B1 970604  
APPLICATION (CC, No, Date): EP 90302207 900301;  
PRIORITY (CC, No, Date): US 318587 890303  
DESIGNATED STATES: DE; FR; GB  
INTERNATIONAL PATENT CLASS: G06F-017/30;  
ABSTRACT WORD COUNT: 176

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	432
CLAIMS B	(English)	EPAB97	476
CLAIMS B	(German)	EPAB97	467
CLAIMS B	(French)	EPAB97	588
SPEC A	(English)	EPABF1	9308
SPEC B	(English)	EPAB97	9563
Total word count - document A			9741
Total word count - document B			11094
Total word count - documents A + B			20835

...SPECIFICATION or different software operating environments. Users sometimes can work around this problem by using plain **text** encoding, such as standard **ASCII** encoding, for the documents they want to share or by **running** documents having a foreign encoding format through a format converter. However, plain text encoding sacrifices...  
...they reside, but also usually require that the host have substantial computational resources available for **running** them. Furthermore, known format converters generally require a priori knowledge of both the original and...

...appearances" are retrievable in just one predetermined format. For that reason, clients often need custom **displays** and/or extensive custom software for rendering the images they retrieve from such a database...

...SPECIFICATION or different software operating environments. Users sometimes can work around this problem by using plain **text** encoding, such as standard **ASCII** -encoding, for the documents they want to share or by **running** documents having a foreign encoding format through a format converter. However, plain text encoding sacrifices...

...they reside, but also usually require that the host have substantial computational resources available for **running** them. Furthermore, known format converters generally require a priori knowledge of both the original and...

...appearances" are retrievable in just one predetermined format. For that reason, clients often need custom **displays** and/or extensive custom software for rendering the images they retrieve from such a database...

13/3,K/8 (Item 8 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00308502

**Electrophoretic display panel apparatus.**

**Elektrophoretische Anzeigevorrichtung.**

**Appareil d'affichage electrophoretique a tableau.**

PATENT ASSIGNEE:

COPYTELE INC., (939150), 900 Walt Whitman Boulevard, Huntington Station  
New York 11746, (US), (applicant designated states:  
BE;DE;FR;GB;IT;NL;SE)

INVENTOR:

DiSanto, Frank J., 47 Windsor Gate Drive, North Hills New York 11040,  
(US)

Krusos, Denis A., Middle Hollow Road, Lloyd Harbor New York 11743, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick  
Court High Holborn, London WC1R 5DJ, (GB)  
PATENT (CC, No, Kind, Date): EP 325013 A1 890726 (Basic)  
EP 325013 B1 940518  
APPLICATION (CC, No, Date): EP 88300448 880120;  
PRIORITY (CC, No, Date): EP 88300448 880120  
DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE  
INTERNATIONAL PATENT CLASS: G02F-001/19; G09G-003/34;  
ABSTRACT WORD COUNT: 214

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1336
CLAIMS B	(German)	EPBBF1	1235
CLAIMS B	(French)	EPBBF1	1451
SPEC B	(English)	EPBBF1	14936
Total word count - document A			0
Total word count - document B			18958
Total word count - documents A + B			18958

...SPECIFICATION to the character generator ROM will be supplied to the  
display one line at a **time** .

In the arrangement illustrated in Figure 5 1,700 bits of dot or no dot

...

...50 and hence the 850 bit shift register 44. Those of ordinary skill in  
the **art** will appreciate that only half **of** the 1,700 bits of  
information provided to **the** Data In input connected to conductor 50 are  
written in the 850 bit shift register...

...arranging for the clock applied to the shift register 44 and annotated  
Clock 1 to **cause** every other bit supplied to the Data In input on  
conductor 50 to be written...

...on the frame illustrated in Figure 2. An identical circuit to that  
illustrated in Figure 5 is provided for the evenly designated connector  
pads within the row of connector pads 36...presence of the 850 odd bits  
of data present in the 1,700 bit data **stream** supplied to the Data In  
input 50. In this way, alternate bits of data present in the data **stream**  
applied to conductor 50 which correspond to the 850 odd data bits  
therein are serially...

...register 44 will be loaded with the 850 odd bits of data within the data  
**stream** . Conversely, in identical structure employed for the column  
conductors present in row 36 in Figure...

...the presence of the 850 even bits of data present in the 1,700 bit data  
**stream** supplied to the Data In input of the 850 bit shift register  
employed for the...

13/3,K/9 (Item 9 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00290415

Correction buffer.

Korrekturpufferspeicher.

Memoire tampon pour correction.

PATENT ASSIGNEE:

LEXMARK INTERNATIONAL, INC., (1367862), 55 Railroad Avenue, Greenwich,  
Connecticut 06830, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Hays, Douglas Earl, 1413 Jocasta Drive, Lexington Kentucky 40502, (US)  
Lederer, James Francis, 3158 Beaver Creek Drive, Lexington, KY 40502,  
(US)

LEGAL REPRESENTATIVE:

Tomlinson, Kerry John et al (36771), Frank B. Dehn & Co. European Patent Attorneys Imperial House 15-19 Kingsway, London WC2B 6UZ, (GB)  
 PATENT (CC, No, Kind, Date): EP 292726 A2 881130 (Basic)  
 EP 292726 A3 890614  
 EP 292726 B1 930210  
 APPLICATION (CC, No, Date): EP 88106833 880428;  
 PRIORITY (CC, No, Date): US 53890 870526  
 DESIGNATED STATES: DE; FR; GB  
 INTERNATIONAL PATENT CLASS: G06F-015/20; G06F-003/12; G06F-003/02;  
 ABSTRACT WORD COUNT: 63

LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	181
CLAIMS B	(German)	EPBBF1	169
CLAIMS B	(French)	EPBBF1	210
SPEC B	(English)	EPBBF1	6774
Total word count - document A			0
Total word count - document B			7334
Total word count - documents A + B			7334

...SPECIFICATION encountering a record other than a whitespace. The processor then returns to the Typewriter loop **from** the routine **for** entering keystroke information in the correction buffer.  
 An example of **the** entry **of** a graphic character **into** the correction buffer beginning at a space is shown in the records 21 through 41...

...correction buffer so that the X position will be correct for the next character entered. **To** do **this**, a Go Right subroutine is executed. By the completion of the Go Right subroutine, a...

...a graphic root character. Substantially, the processor moves to the right across records having an **ASCII** zero **graphic** or the "overstrike" bit set until arriving at the next root character record.

For example...

13/3,K/10 (Item 10 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2002 European Patent Office. All rts. reserv.

00239329

Method for implementing an on-line presentation in an information processing system.

Verfahren zur In-Linie Implementierung einer Vorstellung in einem Informationsverarbeitungssystem.

Methode pour implanter une presentation en ligne dans un systeme de traitement de l'information.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Gaither, William David, 5236 Weatherwood Trace, Marietta Georgia 30067, (US)

Giovannetti, Laura Therese, 1711 Rutland Drive, Apt 1522, Austin Texas 78758, (US)

Grafe, Robert Joseph, 9201 Hunters Trace, Austin Texas 78758, (US)

Hall, Linda Fisher, 9602 Vista View Drive, Austin Texas 78750, (US)

Meyer, Gregory Phillip, 1721 Cricket Hollow Drive, Austin Texas 78758, (US)

Pancoast, Steven Taylor, 12003 Carmel Park, Austin Texas 78727, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 237014 A2 870916 (Basic)  
 EP 237014 A3 900627

EP 237014 B1 940713  
APPLICATION (CC, No, Date): EP 87103377 870310;  
PRIORITY (CC, No, Date): US 837996 860310  
DESIGNATED STATES: DE; FR; GB; IT  
INTERNATIONAL PATENT CLASS: G06F-015/72;  
ABSTRACT WORD COUNT: 161

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF1	263
CLAIMS B	(English)	EPBBF1	325
CLAIMS B	(German)	EPBBF1	300
CLAIMS B	(French)	EPBBF1	367
SPEC A	(English)	EPBBF1	3872
SPEC B	(English)	EPBBF1	4029
Total word count - document A			4135
Total word count - document B			5021
Total word count - documents A + B			9156

...SPECIFICATION a determination is made as to whether or not the next display unit is an **ASCII image** . If the answer is negative, then as shown in step 40, the compressor (step 25 of Fig. 2) is **run** .

However, if the answer to decision block 34 is yes, then as shown in step...

...SPECIFICATION a determination is made as to whether or not the next display unit is an **ASCII image** . If the answer is negative, then as shown in step 40, the compressor (step 25 of Fig. 2) is **run** .

However, if the answer to decision block 34 is yes, then as shown in step...

13/3,K/11 (Item 11 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00203405

Method of maintaining compatibility with different I/O types.

Verfahren zur Behaltung der Anpassungsfahigkeit von mit verschiedenen Eingabe-/Ausgabearten.

Methode pour maintenir la compatibilite avec differents types d'entree/sortie.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Heath, Allen Webster, 3409 Shenandoah Drive, Cedar Park - TX. 78613, (US)

Hernandez, Raymond, 13304 Council Bluff Drive, Austin - TX. 78727, (US)

Hoffmann, Virginia Marie, 3509 Greenway, Austin - TX. 78705, (US)

Sheppard, Ronald Kalin, 11404 Taterwood Drive, Austin - TX. 78750, (US)

Stratton, Susan Diane, 8611 Stillwood Lane, Austin - TX. 78758, (US)

LEGAL REPRESENTATIVE:

Schuffenecker, Thierry (69981), Compagnie IBM France, Departement de

Propriete Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 209693 A2 870128 (Basic)

EP 209693 A3 880615

EP 209693 B1 930324

APPLICATION (CC, No, Date): EP 86107742 860606;

PRIORITY (CC, No, Date): US 757233 850722

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-009/44;

ABSTRACT WORD COUNT: 148

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	338

CLAIMS B	(German)	EPBBF1	305
CLAIMS B	(French)	EPBBF1	395
SPEC B	(English)	EPBBF1	4108
Total word count - document A			0
Total word count - document B			5146
Total word count - documents A + B			5146

...SPECIFICATION and symbols. As a result of this, these programs are not limited to the 256 **text** and **symbol** characters available in **ASCII**, but, **instead** are **capable** of handling many **accented** characters and other **symbols** beyond those normally handled in English documents.

With this approach, however, a very significant problem...

...understood that the software industry is now having to deal with machines in which the **ASCII** definition of the character or **symbol** to **be** represented by a particular **code** point may vary depending on the country.

It will therefore be understood that a basic...

13/3,K/12 (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2002 WIPO/Univentio. All rts. reserv.

00315666 \*\*Image available\*\*

**CDK4 (CYCLIN DEPENDENT KINASE 4) BINDING PROTEINS**  
**PROTEINES SE FIXANT A LA CDK4 (KINASE CYCLINO-DEPENDANTE DE TYPE 4)**

Patent Applicant/Assignee:

MITOTIX INC,  
 Inventor(s):  
 DRAETTA Giulio,  
 GYURIS Jenő,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9533819 A2 19951214  
 Application: WO 95US7113 19950602 (PCT/WO US9507113)  
 Priority Application: US 94253155 19940602

Designated States: AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT  
 SE

Publication Language: English

Fulltext Word Count: 36258

Fulltext Availability:

Claims

Claim

... regulatory proteins, e.g. other CDKs. For instance, each of the above assays can be **run** with a subject CDK4-BP and each of CDK4, CDK5 and CDK6. In side-by...

...of human CDK1cdc37 complexes and yeast CDC2/Cdc37 complexes in order to identify agents which **display** a statistically significant increase in specificity for disrupting the yeast complexes relative to the human... the data for this experiment (see Figure 2), each of the subject CDK4-binding proteins **displayed** different binding affinities for other cell-cycle regulatory proteins. This finding is significant for a...disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: **ASCII** ( **text** )

(vi) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/253,155

(B) FILING DATE: 2...

13/3,K/13 (Item 2 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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00311302

**METHOD AND SYSTEMS FOR USE WITH AN INDUSTRIAL CONTROLLER**



**PROCEDE ET SYSTEME POUR AUTOMATISMES INDUSTRIELS**

Patent Applicant/Assignee:

PATRIOT SENSORS & CONTROLS CORPORATION,

Inventor(s):

MAXWELL Kenneth G,

McGRATH Michael S,

MILLINTON Jeffrey A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9529454 A1 19951102

Application: WO 95US4475 19950412 (PCT/WO US9504475)

Priority Application: US 94686 19940426

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 11289

Fulltext Availability:

Detailed Description

Detailed Description

... computer  
program.

Turning now to Figure 3, an embodiment of a  
system for receiving and **displaying** instructions of a  
-12  
source program in the host computer 24 is shown. A  
first...

...an editor

of a word processor. The text editor 60 can include  
.features such as **ASCII** file importing, automatic **text**  
formatting, string searching and replacing, and cut,  
paste and block **move** capability. The text editor 60 can  
further -include click, drag, and drop capabilities by  
including a mouse within the input interface 58. The  
text editor 60 is coupled by a **display** interface 61 to  
the **display** device 32 to allow a **display** of at least one  
line of text of a high-level language representation of  
the source program. The combination of the **display**  
interface 61 and the **display** device 32 is generally  
capable of providing either a single medium presentation  
or a multimedia presentation. The **display** device 32 can  
employ a standard mode of **display**, such as a visual  
**display**, along with alternative modes of **display**. An  
example combination has the **display** device 32 comprising  
a video monitor or the like, capable of **displaying** both  
text and graphics, and the **display** interface 61 comprising a video  
interface card. A further example combina-13  
tion has the **display** device 32 comprising a printer or  
plotting device or the like capable of generating a  
hard-copy output, and the **display** interface 61 comprising a printer or  
plotter interface.

A ladder-based language editor 71 within...

13/3,K/14 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00303936

**HOME AUTOMATION SYSTEM**

**SYSTEME DOMOTIQUE**

Patent Applicant/Assignee:

INTELLINET INC,

Inventor(s):

HUMPHRIES L Scott,

RASMUSSEN Glenn,

VOITA Douglas L,  
PRITCHETT James D,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9522087 A1 19950817  
Application: WO 95US1805 19950214 (PCT/WO US9501805)  
Priority Application: US 94503 19940215  
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU  
JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD  
SE SI SK TJ TT UA UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 17230  
Fulltext Availability:  
Claims

#### Claim

... diagram of a watch dog

timer;

- 10

Fig. 9 is a flow chart illustrating a **run** time diagram for the host computer;

Fig. 10 is a flow chart illustrating an event...suit their particular system. For instance, other systems may require more data bytes if their **displays** require more data,

The invention also uses a request/acknowledge mechanism. once a message has...

...trying to transmit the message after this predetermined number of times.

Fig. 9 illustrates a **run** -time life diagram for the host computer 20, At a step 100, an ISE directory...

...all

hardware entities and software entities for the entire system and is contained within an **ASCII text** based file, which makes it very easy to manipulate and change the system configuration. At...state whereby the system may be smoothly re-booted.

While the host computer 20 is **running** through the process loop shown in Fig, 10, the other nodes on the network are...

...hardware

devices, For instance, with reference to Fig. 12, a zone 52 may comprise a **motion** sensor 60, a door sensor 62, a window sensor 64, and a glass breakage detector...third zone is defined to include all fire sensors 3, a fourth zone contains exterior **motion**

detectors 4, a fifth zone contains interior motion detectors 5, and a sixth zone com...

13/3,K/15 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00297372

**MULTI-LANGUAGE GENERATION OF CONTROL PROGRAM FOR AN INDUSTRIAL CONTROLLER  
GENERATION MULTILANGAGE DE PROGRAMME DE COMMANDE D'UN REGULATEUR INDUSTRIEL**

Patent Applicant/Assignee:

PATRIOT SENSORS AND CONTROLS CORPORATION,

Inventor(s):

McGRATH Michael Sean,  
McKINNON Lonny Charles,  
PATTEE Jack Christopher,  
WIECZERZA Gerald Casmer,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9515523 A1 19950608

Application: WO 94US13525 19941123 (PCT/WO US9413525)

Priority Application: US 93957 19931201

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 8123

Fulltext Availability:

Detailed Description

Detailed Description

... an editor of a word processor. The text editor 140 can include features such as **ASCII** file importing, automatic **text** formatting, string searching and replacing, and cut, paste and block-**move** capability. The text editor 140 can further include click, drag, and drop capabilities by including a mouse within the input interface 58. The text editor 140 is coupled by the **display** interface 61 to the **display** device 32 to **display** at least one line of text of the C-based language -15 representation of the source program. Further, the at least one line of text can be **displayed** in a first software-driven window on the **display** device 32.

A graphical editor 144 within the host computer 24 is employed to...

13/3,K/16 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00296129

**METHOD AND APPARATUS FOR SYNCHRONIZING, DISPLAYING AND MANIPULATING TEXT AND IMAGE DOCUMENTS**

**PROCEDE ET APPAREIL POUR SYNCHRONISER, AFFICHER ET MANIPULER DES DOCUMENTS CONTENANT DU TEXTE ET DES IMAGES**

Patent Applicant/Assignee:

WAVERLY HOLDINGS INC,

Inventor(s):

RIVETTE Kevin G,

FLORIO Michael P,

JACKSON Adam,

AHN Don,

RAPPAPORT Irving S,

KURATA Deborah,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9514280 A1 19950526

Application: WO 94US13454 19941118 (PCT/WO US9413454)

Priority Application: US 93155752 19931119

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP

KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK

TJ TT UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT

SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 37984

Fulltext Availability:

Detailed Description

Detailed Description

... In Figure 31, the patent Equivalent File displayed within the window 160 represents the searchable **ASCII text** equivalent of the official United States patent, as previously described in this specification. The patent image **displayed** in image window 410 of the screen 68 represents the PTO Image File of the...

...noted, the image patent in window 410 is not searchable, and is not in an **ASCII text** format, but may be manipulated and enlarged within the

'bitmapped image. As shown in Figure...

...window 410 and a minus button function 420 (see Figure 31) that is used to **scroll** down the window 410 by page. Also illustrated in Figure 30 is a Patent Image Toolbox 430, which may be selectively positioned anywhere on **display**

68 by the user. Patent Image toolbox 430 includes a variety of functions which may...

13/3,K/17 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00261271 \*\*Image available\*\*

**A METHOD FOR CONVERTING KANA CHARACTERS TO KANJI CHARACTERS USING A PEN-TYPE STYLUS AND COMPUTER**

**PROCEDE DE CONVERSION DE CARACTERES KANA EN CARACTERES KANJI**

Patent Applicant/Assignee:

GO CORPORATION,

Inventor(s):

ROSEBOROUGH James B,

HAINE D Philip,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9409438 A2 19940428

Application: WO 93US9950 19931019 (PCT/WO US9309950)

Priority Application: US 92964723 19921022

Designated States: AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU KP KR KZ LK

LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA UZ VN AT BE CH DE DK ES

FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7364

Fulltext Availability:

Detailed Description

Detailed Description

... The system may also be operable in the more conventional manner using the keyboard.

The **display** device 14 is also a conventional type known in the art. The **display** device 14 is preferably a liquid crystal **display** used with the CPU 10 in a conventional manner to produce images on the **display** device 14 such as from a group of dots or pixels in graphics mode. The **display** device 14 is preferably mounted directly above the digitizer or pad such that **moving** the pen on top or proximate the screen of the **display** device 14 produces an image or changes on the **display** 14. The **display** device 14 may also be a raster-type **display** that produces images of characters generated from codes such as **ASCII** in **text** mode. The **display** device 14 also operates in a conventional manner with the input device 12 to produce a various ink images on the **display** device 14 or gestures for inputting commands to the system.

The addressable memory 16 is...

13/3,K/18 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00258067 \*\*Image available\*\*

**MULTIMEDIA MESSAGE TRANSMITTER**

**EMETTEUR DE MESSAGES MULTIMODE**

Patent Applicant/Assignee:

OCTUS INC,

Inventor(s):

BUSHNELL Nolan,

OHLEMACHER Dan,

THAYER James,

BENDIG Julie,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9406230 A2 19940317

Application: WO 93US8291 19930902 (PCT/WO US9308291)

Priority Application: US 92941374 19920902

Designated States: AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT  
SE

Publication Language: English

Fulltext Word Count: 19178

Fulltext Availability:

Detailed Description

Detailed Description

... designator "memo" or a

document name given to the memo by the user is then **displayed**

0

in the data file box 325 on the menu 300. In Figure 7B,

**moving** from state 540 to the decision state 542, a  
determination is made if the user...

...the

title bar of the edit box 770 reads "cover page" instead of  
"memo," is **displayed** and the user is allowed to enter text  
just as when the memo button 374...

13/3,K/19 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00239677 \*\*Image available\*\*

**METHOD AND APPARATUS FOR RECORDING AND TRANSLATING SHORTHAND NOTES**

**PROCEDE ET APPAREIL POUR ENREGISTRER ET TRANSCRIRE DES NOTES DE  
STENOGRAPHIE**

Patent Applicant/Assignee:

STENOGRAPH CORPORATION,

Inventor(s):

MC CREADY Keith A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9313945 A1 19930722

Application: WO 93US454 19930115 (PCT/WO US9300454)

Priority Application: US 92822293 19920117

Designated States: AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR LK LU

MG MN MW NL NO PL RO RU SD SE SK AT BE CH DE DK ES FR GB GR IE IT LU MC

NL PT SE BF BJ CF CG CI CM GA GN ML MR SN TD TG

Publication Language: English

Fulltext Word Count: 5731

Fulltext Availability:

Detailed Description

Detailed Description

... machine

readable format such as a floppy disk, and translate the  
notes into text and **display** the text on an LCD 50. The  
machine 40 can also convert the tran@lated **text** -to **ASCII**  
format and record the **text** on a disk\* Alternatively, the  
machine 40 can output the translated text to a peripheral...

...66. One or more function keys 70 on

the machine 40 allow the operator to " **scroll** " through the  
translated text and **display** any portion of it on the LCD

509 The function keys 70 also allow the...

...text for a particular word, phrase  
or other mark, and,, when a match is found, **display** the  
corresponding portion of the translated text-on the LCD  
500  
As shown in FIGS...

**13/3,K/20 (Item 9 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
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00219665  
**SCRIPT/BINARY-ENCODED-CHARACTER PROCESSING METHOD AND SYSTEM WITH MOVING  
SPACE INSERTION MODE**  
**PROCEDE ET SYSTEME DE TRAITEMENT DE TEXTES ECRITS A LA MAIN OU DE  
CARACTERES CODES BINAIRE**  
Patent Applicant/Assignee:  
FORCIER Mitchell D,  
Inventor(s):  
FORCIER Mitchell D,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9216900 A1 19921001  
Application: WO 92US2407 19920319 (PCT/WO US9202407)  
Priority Application: US 91292 19910320; US 91316 19910429  
Designated States: AT BE CH DE DK ES FR GB GR IT JP LU MC NL SE  
Publication Language: English  
Fulltext Word Count: 23983

Fulltext Availability:  
Detailed Description

Detailed Description

... 32 in  
accordance with the invention comprises multiple pages for entry and  
editing of script/ **ASCII text** with or without embedded drawings, as  
shown  
in FIGS. 7A-7U. The user is able to "screen" page, "paper" page or  
**scroll**  
through the document. The user can also write a page number within a  
translation area...

**13/3,K/21 (Item 10 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
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00215272  
**DETERMINING TRANSACTION SYSTEM HARDWARE AND SOFTWARE CONFIGURATIONS  
METHODE POUR DETERMINER LES CONFIGURATIONS DU LOGICIEL ET DU MATERIEL D'UN  
SYSTEME DE TRANSACTIONS INFORMATISE**  
Patent Applicant/Assignee:  
VERIFONE INC,  
Inventor(s):  
KANNADY Danny O,  
HORNER William McPherson,  
RAO Srinivasan,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9212489 A1 19920723  
Application: WO 92US159 19920109 (PCT/WO US9200159)  
Priority Application: US 91279 19910109  
Designated States: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM DE DK ES FI FR  
GA GB GN GR HU IT JP KP KR LK LU MC MG ML MR MW NL NO PL RO RU SD SE SN  
TD TG  
Publication Language: English  
Fulltext Word Count: 36219

Fulltext Availability:  
Claims

Claim

... SysGemTm program Is presented by six %Mndovv9":

MENU  
FILES  
DIALOG  
MESSAGE  
OPTIONS  
Time and Date **Display**

MEN Window The MENU window offers four user Interface selectlons:

EDIT  
USERDATA  
REPORTS  
SELECT

Refer...EDIT Screen

MENU

EDIT COME REPORTS SELECT Date and Ttme DisMay

FILES OPTIONS

LOAD

DIALOG **RUN**

DOSPROG

SAVE

MESSAGE

Figure 3. SysGem llw USERDA TA Screen

SysGemTm - 5

GemStoneTm Transaction SuperSystemsTm...

...without saving changes. The USERDATA Function This function Is used to enter user data and **run** DOS programs. Four op tions are currently available:

LOAD - Loads a selected template file. The...

...user Is also prompted to select an existIng user file that contains previously saved Information. **RUN** - Starts the User session and evaluates the Rules.

DOSPROG - Used to select and execute those...

...another file. USERFIL - Same as RULEFII. except for User files. FILES Window The FILES window **displays** the name of the current activated file. DIALOG Window The DIALOG window **displays** the questions/choloes used to Identify the system that will best satisfy the needs outlined...

...In Appendix A according to file type (Fact, Rule, Report). MESSAGE Window The MESSAGE window **displays** error messages or other user Instructions.

SysGemTm - 7

GemStoneTm Transaction SuperSystemsTm Programrner's Manual

OPTIONS...

...When the desired option Is highlighted, activate It using the ENTER key. Time and Date **Display** **Displays** the current time and date.

Window

Using SysGemTm, The following ...REF ?

ADISPLAY TYPE ? BILLBOARD STANDARD

LHOST PROC COMM ?

MOPTIONS ? SCANNER PNC 330 SLIP.PRINTER BILLBOARD. **DISPLAY**

LSLIP PRINTER ?

LIDICS ?

NNO IDWS \$

LDROP ?

APOS.TYPE \$ DIAMOND SAPPHIRE

MMODIFIER \$ SM MED LG XLG...is 'P' > Assign a Value to a Fact conditionally

MODE is '?' > Query this info for **Display**

> No Query for this

be enclosed with...

13/3,K/22 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00206593 \*\*Image available\*\*

**IMPROVEMENT IN SYSTEM FOR AUTOMATICALLY MONITORING COPIERS FROM A REMOTE LOCATION**  
**AMELIORATIONS RELATIVES A UN SYSTEME DE SURVEILLANCE AUTOMATIQUE ET A DISTANCE DE COPIEURS**

Patent Applicant/Assignee:

WEINBERGER Joseph,

Inventor(s):

WEINBERGER Joseph,

BRICAULT Gary,

LAIRD James,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9203789 A1 19920305

Application: WO 91US5599 19910812 (PCT/WO US9105599)

Priority Application: US 90388 19900814

Designated States: AT AU BE CA CH DE DK ES FR GB GR IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 8585

Fulltext Availability:

Claims

Claim

... that is passed by a dynamic copier

5 2 consists of discrete display commands and **ASCII text** characters. The translator 6 strips the control characters and sends the **ASCII text stream** to the central computer 16 for evaluation and formatting. There are several other approaches to evaluating such a data **stream**. For example sending the data directly to the central computer 16, unaltered, and letting the...monitor, keyboardr CPU, floppy drive, hard disk drive, and 640K of 30 Random Access Memory **running** DOS 3 The data collection computer 16 assembles the status information into various **display** formats, Some of the user features are **displayed** in the Menu Selection Tree (FIGURES 20A-20E), These features enable a database of information...

...whether or not the

panel consists of a simple indicators (the static panel) or textual **display** characters (the dynamic panel). It then becomes a matter of processing the data against a map of the **display** layout of a given copier 2 to arrive at the end result. The screen of...possible solutions to a problem. If a copier fault occurs, a copier fault code is **displayed** on the control panel 12. Through software this fault code can be converted by the...

13/3,K/23 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00196891 \*\*Image available\*\*

**MASS-TRANSIT COMMUNICATION SYSTEM**  
**SYSTEME DE COMMUNICATION POUR TRANSPORTS EN COMMUN**

Patent Applicant/Assignee:

VIRTAPERKO Lauri,

KUKKONEN Ari,

LEINO Jari,

Inventor(s):



VIRTAPERKO Lauri,  
KUKKONEN Ari,  
LEINO Jari,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9114247 A1 19910919

Application: WO 91FI75 19910315 (PCT/WO FI9100075)

Priority Application: US 90900 19900315

Designated States: AT AU BE CA CH DE DK ES FI FR GB GR IT JP KR LU NL NO SE  
SE

Publication Language: English

Fulltext Word Count: 5637

Fulltext Availability:

Detailed Description

Detailed Description

... entirety of its information on the order of several seconds to a receiver in a **moving** vehicle. The **display** units in the vehicles typically **display** alphanumeric digits, -therefore the update transmitter 36 need only. submit codes representative of the **alphanumeric** digits such as **ASCII** code. This ASCII code can be stored in memory associated with the vehicle **display** unit. The information for the different update transmitters 36 is divided by the central control...

...route,  
picking up information as it goes along. Certain of the information that the vehicle **display** units **display** along ... bulletins,, sports scores and weather reports) replacing various like types of information in the information **display** cycle. The information **displayed** can be transfer point information and service changes to be effective in the future.  
The...

**13/3,K/24 (Item 13 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00194432 \*\*Image available\*\*

**RECOGNITION OF PATTERNS IN IMAGES**

**RECONNAISSANCE DE MOTIFS DANS LES IMAGES**

Patent Applicant/Assignee:

MASSACHUSETTS INSTITUTE OF TECHNOLOGY,

Inventor(s):

HARVEY Robert L,

DICAPRIO Paul N,

HEINEMANN Karl G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9111783 A1 19910808

Application: WO 91US481 19910123 (PCT/WO US9100481)

Priority Application: US 90681 19900123

Designated States: AT BE CA CH DE DK ES FR GB GR IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 33523

Fulltext Availability:

Detailed Description

Detailed Description

... SHEEl

- 55

/\* i"ge

util.c Printe on 18-December-1989

Image 1/0 and **Display** Manipulation Routines for the Software Testbed

Developed by KG Heinemann and P.N. DiCaprio to...h>

```

#include <suntool/sunview.h>
#include <suntool/canvas.h>
#include <suntool/panel.h>
#include <suntool/ scrollbar .h>
#include <local/STD.h>
#include 'image
io.h'
/* Look up table for displaying an 8 bit image with a compressed
colormap
int imgdisplay.value(VLT.SIZE);
int npnl...

...for image rile 1/0
char cwd(rNLI; /* Current working directory
char img.fname(FNLI; /* image file name */
/* ASCII representation of pattern index number within the image input
file
char imgnum.str(4);
Panel...

...hdr.item, vlt
item, csr
item, zoom.ites;
int ok
img
filewO;
FILE *fp.img; /* Stream pointer for ASCII input files
/* Parameter blocks for manipulation of *STDu files
int std ioblk...

...char *im3ge
st'F image.
n';
u-char *image=NULL; /* dynamically allocated image array
/* -----
-----
image Display Parameters
Frame base-frame; /* Structure to describe top level window in SunView
Canvas img canvas; /* Structure to describe image display area in
SunView
Pixwin *ba'g
pw, *img
pw;
Kenu img
menu;
Cursor img
cursor...

...input image height
int Zoom
Xwl, zoZim-yol; /* zoom magnification
/* Horizontal and Vertical Offsets of Displayed image within image
Canvas
int i, img-x
offs, img
y
offs;
/* Thickness of a Default Scroll Bar for Proper Siting of the Image
Canvas
int scroll -bar.thickness;
/* -----
-----
/* Information Pertaining to Global Video Look-Up Table values
and Handles for Color Bar Display Area
char vlt fname(FNLI; /* VLT file name
FILE *fp'vlt; /* Stream pointer for VLT file name
Canvas vlt'canvas;
Pixwin *vl'E pw;
u-char red...

```

13/3,K/25 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00188710

**A REMINDER FUNCTION FOR EXECUTIVE INFORMATION PROCESSING**  
**FONCTION DE RAPPEL POUR LE TRAITEMENT D'INFORMATIONS D'EXECUTION**

Patent Applicant/Assignee:

COMSHARE INCORPORATED,

Inventor(s):

CRANDALL Richard L,  
LIEFFERS Dorothy A,  
BEYER Thomas P,  
HANSKNECHT Paul E,  
ESCHMAN James K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9106054 A1 19910502

Application: WO 90US4860 19900830 (PCT/WO US9004860)

Priority Application: US 89506 19891017

Designated States: AT AU BE CH DE DK ES FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 12131

Fulltext Availability:

Claims

Claim

... a currently executing  
process and by allowing the user to save various types of  
screen **displays** as part of a reminder message.  
More specifically, to achieve the objects and in  
accordance...

...of: executing a  
current process in the data processing system, the current  
process including a **display** on a viewing screen; receiving an  
externally-generated reminder request to present the **display**  
at a specified time; and executing a reminder procedure, in  
response to the reminder request...

...the current process, to store information in the  
reminder notice file that will allow the **display** to be  
recalled at the specified time.

III. Brief Description of the Drawings

The accompanying...

...description, explain the principles of the invention.

Fig. 1 is a representation of a screen **display**  
generated by a current software process, and including a  
"SEND" button icon and a "TOOLS" button icon;

Fig. 2 is a representation of a screen **display**  
including a "PRINTER" icon, a "11REDI-MAIL11" icon,, and a  
"REMINDER" icon;

Fig. 3 is a representation of a screen **display**  
including a "NOTE-IT-ONLY" icon and a "DOCUMENT" icon;

Fig. 4 is a representation of the screen **display** in  
Fig\* 1 with a small Note-It area and a "PUT IN REMINDER"  
button icon;

Fig. 5 is a representation of a screen **display**  
including a reminder calendar and various reminder button  
icons;

SUBSTITUTE SHEET

Fig. 6 is a representation of a screen **display**  
including a small Note@It area and a "SHOW CALENDAR" button  
icon;

Fig. 7 is a representation of a screen **display**

Touching 11AS,--UPDATED11 icon 708 causes a screen **display** to be saved in updatable form. Thus, for example, as the reports are updated in...

...When "NOTE-IT-ONLY11 icon 308 is touched, screen 305 is replaced by a screen **display** 800 shown in Fig. 8. Screen **display** 800 includes a Note-It area 806,-similar to Note-It area 406 of Figo...

...Fig.

4\*

To create a Note-It that is not Presently associated with a currently **displayed** screen, ...a "PUT IN REMINDER" button icon 808. Screen 500,, as shown in Fig. 5, is **displayed** and the user selects one or more date boxes as described above. Again, the text...

...1000 includes a memory 1002, a CPU 1010, an input/output controller 1012, a screen **display** 1014, and an input device 1015, CPU 1010 stores data to and retrieves data from memory 1002. CPU 1010 also controls input and output to and from screen **display** 1014 and input device 1015 through input/output controller 1012. Memory 1002 stores the computer...

...that was executing when the Reminder software was started, and stores information identifying the screen **display** last **displayed** by that process and information identifying all files needed to create that current screen. Reminder...to the reminder by the user, as described above in connection with Fig. 4, Note **text** portion 1106 preferably includes the **ASCII text** of-any attached Note-it. Note-Its not associate with a screen **display** (Fig. 8) are also stored in note size portion 1104 and note text portion 1106...

...portion 1110 is used to store screen only snapshots, and includes data describing the screen **displayed** by the process being executed when the reminder was saved. The exact content of graphics...

...length for screen only snapshots and for Note-It reminders not associated with a screen **display** . In a reminder entry for A Redi-Mail memo, variable portion 1108 includes portions 1200...

13/3,K/26 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00159705

**ENHANCED DEDICATED TELECONFERENCING SYSTEM  
SYSTEME DE TELECONFERENCE SPECIALISE AMELIORE**

Patent Applicant/Assignee:

COMMUNICATIONS NETWORK ENHANCEMENT INC,

Inventor(s):

BLINKEN Robert J,  
BLINKEN Robert J Jr,  
GARNER Merle D,  
KOENIG William J,  
OLIVER Billy B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8906078 A1 19890629

Application: WO 88US4458 19881213 (PCT/WO US8804458)

Priority Application: US 8796 19871218

Designated States: AT AT AU BB BE BG BJ BR CF CG CH CH CM DE DE DK FI FR GA  
GB GB HU IT JP KP KR LK LU LU MC MG ML MR MW NL NL NO RO SD SE SE SN SU  
TD TG

Publication Language: English

Fulltext Word Count: 20022

Fulltext Availability:  
Detailed Description

Detailed Description

... all designated recipients have  
retrieved the note, the indication "Note delivered to all  
destinations" is **displayed** on the sender's status screen (see  
MENU 4C for example),  
To retrieve a note...

...status screen is replaced by the  
Get Note Screen (MENU 7) and the note is **displayed** in the  
middle of this screen. The recipient can **scroll** through the  
note by using the instruction 'IF' for **scroll** forward or "B" for  
**scroll** backward. The note may also be printed or captured to  
any data storage device, internal...

...is  
erased and the conferee's screen is returned to the status  
screen,  
All conferences **run** on an ALLIANCE dedicated bridge end when  
all conferees have dropped. However, the coordinator may...

...conferees, When a  
specific conferee is selected by leg #, his name and telephone  
number is **displayed** on the bottom of the status screen. A  
prompt requesting whether the information is correct is then  
**displayed** , The coordinator responds with a IIVI for yes or 'IN'  
for no. If "Y" is...

14/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00240790

Digital video generator.  
Digitaler Videogenerator.  
Générateur numérique de signaux vidéo.  
PATENT ASSIGNEE:

The Grass Valley Group, Inc., (536873), 13024 Bitney Springs Road, Nevada  
City California 95945, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Dubner, Robert J., 13 Westervelt Place, Westwood New Jersey 07450, (US)

LEGAL REPRESENTATIVE:

Baillie, Iain Cameron et al (27951), c/o Ladas & Parry, Altheimer Eck 2,  
D-80331 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 240970 A2 871014 (Basic)  
EP 240970 A3 901122  
EP 240970 B1 931027

APPLICATION (CC, No, Date): EP 87105061 870406;

PRIORITY (CC, No, Date): US 848599 860407

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G09G-001/16; G09G-005/34;

ABSTRACT WORD COUNT: 180

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1022
CLAIMS B	(German)	EPBBF1	945
CLAIMS B	(French)	EPBBF1	1257
SPEC B	(English)	EPBBF1	3406
Total word count - document A			0
Total word count - document B			6630
Total word count - documents A + B			6630

...SPECIFICATION microprocessor units currently available, and the digital memory 14 contains both the digital data for **display**, in the form of **ASCII** characters where the data is **text** material, and the computer program to control the digital video generator. The computer 16 receives input data from the word processor 12, an **animation** generator, video tape or other data source and stores the data in the digital memory 14. Data, in the form of data to be **displayed** and computed initial values for each **display** cycle, is output from the computer 16 into a pixel selector 27. The pixel selector 27 selects the current pixel to be **displayed** and the next pixel in the direction of movement and outputs these pixels in the...

...values to a mixer 64 together with a weighting factor dependent upon the movement, or **scroll**, rate. The weighted pixel output is then input to a video generator 29 where the weighted pixels are processed for output to the **display** device 20.

Fig. 3 shows in more detail the digital video generator 18 as configured...

14/3,K/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00312155 \*\*Image available\*\*

PCMCIA VIDEO CARD  
CARTE VIDEO PCMCIA

Patent Applicant/Assignee:

CIRRUS LOGIC INC,

Inventor(s):

EGLIT Alexander,  
BINDLISH Rakesh Kumar,  
BRIL Vlad,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9530308 A1 19951109  
Application: WO 95US5287 19950428 (PCT/WO US9505287)  
Priority Application: US 94235761 19940429  
Designated States: JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 7577

Fulltext Availability:  
Detailed Description

#### Detailed Description

... loaded into different  
planes of video memory 110. Text data is generally  
5 unsuitable for **displaying** complex graphic images required for  
**motion** video. Graphics data may comprise bit mapped pixel  
data, with a number of bits assigned...

14/3,K/3 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00312067

#### VARIABLE PIXEL DEPTH AND FORMAT FOR VIDEO WINDOWS FORMAT ET PROFONDEUR DE PIXEL VARIABLES POUR FENETRES VIDEO

Patent Applicant/Assignee:

CIRRUS LOGIC INC,

Inventor(s):

BINDLISH Rakesh Kumar,

BRIL Vlad,

EGLIT Alexander,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9530220 A1 19951109

Application: WO 95US5259 19950428 (PCT/WO US9505259)

Priority Application: US 94235764 19940429

Designated States: JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 11266

Fulltext Availability:  
Detailed Description

#### Detailed Description

... recorded on a VCR or other recording means.

Several problems arise when trying to integrate **motion**  
video into a graphical user interface environment. Usually  
the integrated **motion** video is **displayed** by placing a window  
somewhere within the graphics **display** screen. This window  
within the graphics **display** screen where the **motion** video is  
contained may be referred to as a **motion** video window (MVW)  
or **motion** video **display** window. In typical prior art video  
controllers, such as a VGA video controller, a **graphics**  
**image** ( **graphics** mode) or **ASCII text** ( **text** mode) is **displayed**  
on a screen (e.g., flat panel **display** , CRT or the like)  
having a particular pixel resolution and pixel depth. Pixel  
resolution refers to the number of pixels which are used to  
constitute the **display** , for example, 640 x 480 pixels.

other resolutions are also possible, such as 800 x...

?

16/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00215260 \*\*Image available\*\*

**GRAPHICAL DISPLAY OF COMPILER GENERATED INTERMEDIATE DATABASES**  
**AFFICHAGE GRAPHIQUE D'UNE REPRESENTATION GENEREEE PAR COMPILATEUR**

Patent Applicant/Assignee:

SUPERCOMPUTER SYSTEMS LIMITED PARTNERSHIP,

Inventor(s):

O'HAIR Kelly T,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9212477 A1 19920723

Application: WO 91US4072 19910610 (PCT/WO US9104072)

Priority Application: US 91909 19910111

Designated States: AT BE CH DE DK ES FR GB GR IT JP KR LU NL SE

Publication Language: English

Fulltext Word Count: 8072

Fulltext Availability:

Detailed Description

Detailed Description

... and active (the HF read in  
with the last use of the Read button). The **ASCII** dump will  
appear in a **scrollable** pop-up **text** window to the right of  
the Panel window, The Dump button is a toggle button..



File 344:Chinese Patents Abs JuL 1985-2002/JuL  
(c) 2002 European Patent Office  
File 347:JAPIO Oct 1976-2002/Apr(Updated 020805)  
(c) 2002 JPO & JAPIO  
File 350:Derwent WPIX 1963-2002/UD,UM &UP=200249  
(c) 2002 Thomson Derwent

Set	Items	Description
S1	832	ASCII OR AMERICAN() STANDARD() CODE(1W) INFORMATION() INTERCHA- NGE
S2	60016	GRAPHIC?
S3	1192137	ICON? OR IMAGE? OR SYMBOL?? OR PICTURE? OR PICS OR LOGOS OR LOGO OR HIEROGLYP?
S4	2550	TRADENAME? OR TRADE()NAME? OR TRADEMARK? OR TRADE()MARK?
S5	69918	ART
S6	197850	TEXT OR ALPHANUMERIC? OR ALPHABET?
S7	878085	DISPLAY?
S8	1583189	ANIMAT? OR SCROLL? OR RUNNING OR RUN OR MOVE OR MOVING OR - MOTION? OR STREAM? OR TICKER?? OR AUTOSCROLL?
S9	1458170	S2:S6
S10	38	S1 AND S9 AND S8
S11	34	S10 NOT ANIMAT?
S12	4	S10 NOT S11
S13	22	S11 NOT AD=19960116:20020807
S14	2	S12 NOT AD=19960116:20020807

13/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05155342 \*\*Image available\*\*  
METHOD FOR TRANSMITTING **GRAPHIC** INFORMATION

PUB. NO.: 08-110842 [JP 8110842 A]  
PUBLISHED: April 30, 1996 (19960430)  
INVENTOR(s): SATO YUKIO  
OKINA HIROYUKI  
APPLICANT(s): NIPPON STEEL CORP [000665] (A Japanese Company or Corporation), JP (Japan)  
NITTETSU ELEX CO LTD [472455] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 06-268024 [JP 94268024]  
FILED: October 07, 1994 (19941007)

METHOD FOR TRANSMITTING **GRAPHIC** INFORMATION

#### ABSTRACT

PURPOSE: To decrease the transmission quantity and shorten the transmission time by converting **graphic** information into **ASCII** codes and transmitting them from a **graphic** data generating device to a process computer...

... programs of robot operation numbers (which are previously stored in a robot controller 36) to **move** a print head provided atop of an arm 60 along a specific arc. In this...

... of the figure in the mark are generated by a personal computer 40. The generated **graphic** information is sent to the process controller 30 through a signal line 41, but they are converted by using the 8-bit **ASCII** ( **American Standard Code for Information Interchange** ) codes. Consequently, the data amount can be reduced and transmission time can be shortened.

13/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03335104 \*\*Image available\*\*  
**PICTURE** DATA DISPLAY SYSTEM

PUB. NO.: 02-310604 [JP 2310604 A]  
PUBLISHED: December 26, 1990 (19901226)  
INVENTOR(s): KAWAMURA HIDEAKI  
MAEDA KIMIO  
APPLICANT(s): FANUC LTD [419041] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-132378 [JP 89132378]  
FILED: May 25, 1989 (19890525)  
JOURNAL: Section: P, Section No. 1177, Vol. 15, No. 99, Pg. 145, March 11, 1991 (19910311)

**PICTURE** DATA DISPLAY SYSTEM

#### ABSTRACT

PURPOSE: To easily generate **picture** data by generating **picture** data including one of fixed display information, dynamic display data and cursor **moving** information in the **picture** generation editor of a personal computer...

...CONSTITUTION: **Picture** data is generated by an intermediate code such as an **ASCII** code by using a pop-up menu, a cursor key, a soft key, a mouse...

...the like in the private editor of the personal computer 50 and the like. Then, **picture** data generated by the intermediate code is converted in the

personal computer 50 so as to generate a C language source file. Then, the **picture** display program of the C language source file is compiled, linked with a user program...

... generate an execution program. The execution program is stored in a target device 2, and **picture** display is executed. **Picture** display data includes fixed information display, dynamic display, cursor shift and the like.

13/3,K/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

03203266 \*\*Image available\*\*  
DOCUMENT PROCESSOR

PUB. NO.: 02-178766 [JP 2178766 A]  
PUBLISHED: July 11, 1990 (19900711)  
INVENTOR(s): YAMAGUCHI YOSHINORI  
SUGIURA KENICHIRO  
KOBAYASHI HIDEYUKI  
INOUE TADASHI  
MURAYAMA MICHIEI  
YASUDA MASANAO  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 63-331172 [JP 88331172]  
FILED: December 29, 1988 (19881229)  
JOURNAL: Section: P, Section No. 1111, Vol. 14, No. 449, Pg. 99,  
September 26, 1990 (19900926)

#### ABSTRACT

PURPOSE: To eliminate the manual operation of a cursor key required for **scrolling** a **picture** up and down and right and left, and to lighten a load upon an operator...

... as to prevent an oversight, etc., due to an operation mistake by providing an automatic **scrolling** means to see through the whole of a designated document...

...CONSTITUTION: An inputting keyboard 5 is provided with an ASCII keyboard AK, and automatic **scroll** start key LK1, an automatic **scroll** stop key LK2, an automatic **scroll** restart key LK3 and an automatic **scroll** interrupt key LK4. Then, the whole of the document is made to see continuously and successively while displaying a part of the document. Accordingly, an operating person can **scroll** the displayed **picture** of the document by his hand up and down and right and left and, in...

13/3,K/4 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

010330633  
WPI Acc No: 1995-232325/199531  
XRPX Acc No: N95-181059

Chinese character inputting using typical keyboard - dividing Chinese words into notional words and form words, while meaning suffix is added to motional words

Patent Assignee: ZHANG F (ZHAN-I)  
Inventor: ZHANG F  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1088323	A	19940622	CN 93120482	A	19931207	199531 B

Priority Applications (No Type Date): CN 93120482 A 19931207

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
CN 1088323 A 1 G06F-003/023

... dividing Chinese words into notional words and form words, while meaning suffix is added to motional words

...Abstract (Basic): words, meaning suffix is added to notional words and form words are fixed. the ideogram **alphabetic** writing is also a coding system. It is input by using Western **ASCII** keyboard with set pre-key, post-key, homonym key and idiom key...

...As a coding system, the ideogram **alphabetic** writing is simple, rational, regular and low in duplication rate, and as an independent **alphabetic** writing, it is suitable for Chinese teaching, writing in computer and translation...

...USE/ADVANTAGE - As ideogram **alphabetic** writing, which...

...Title Terms: **MOTION** ;

13/3,K/5 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009987804 \*\*Image available\*\*

WPI Acc No: 1994-255515/199431

XRPX Acc No: N94-201196

**Multiple-byte characters to unique strings of ASCII characters mapping for use in text retrieval - mapping character strings into unique sets of single byte ASCII characters and transferring that set for further processing**

Patent Assignee: SUN MICROSYSTEMS INC (SUNM )

Inventor: HOFERT D K; YOSHIDA Y

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5337233	A	19940809	US 92867852	A	19920413	199431 B
TW 310400	A	19970711	TW 93102915	A	19930416	199743
KR 235223	B1	19991215	KR 935266 -	A	19930331	200112
JP 3300866	B2	20020708	JP 93108764	A	19930413	200247

Priority Applications (No Type Date): US 92867852 A 19920413

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5337233 A 13 G06F-015/38

TW 310400 A G06F-017/21

KR 235223 B1 G06F-017/00

JP 3300866 B2 12 G06F-017/30 Previous Publ. patent JP 6089304

**Multiple-byte characters to unique strings of ASCII characters mapping for use in text retrieval...**

...mapping character strings into unique sets of single byte ASCII characters and transferring that set for further processing

...Abstract (Basic): The method includes capturing an input **stream** of characters which represent the language, then separating the input **stream** of characters into strings of characters which represent words, which is accomplished by using rules of grammar of the language to determine where to insert word separators into the **stream** of characters to delimit groups of the characters which constitute words in the language...

...E.g. no special characters in the input **stream** of characters is required to distinguish one word or character set from another. Subsequently mapping the character strings into unique sets of single byte **ASCII** characters is performed and then transferring the unique sets of single byte **ASCII** characters which represent words to the

**text** processing system for further processing...

...USE/ADVANTAGE - For storage and retrieval of non-English language **text** for use with system which are designed around English **alphabet** .  
Provision for preparing language **text** by **text** processing system as search argument of such language data base partic Japanese language **text** for use in existing **ASCII** based **text** processing systems...  
...Title Terms: **ASCII** ;

13/3,K/6 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

009855967 \*\*Image available\*\*  
WPI Acc No: 1994-135823/199416  
XRPX Acc No: N94-106665

**Random coding cipher system for encrypting-decrypting computer data - forms starting integer from digits of initialising integer using method shared by transmitter and receiver, and concatenates numerical synonyms corresp. to plain- text message**

Patent Assignee: VOBACH A A (VOBA-I); VOBACH A R (VOBA-I)

Inventor: VOBACH A A; VOBACH A R

Number of Countries: 020 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9408353	A1	19940414	WO 93US9368	A	19930929	199416 B
US 5307412	A	19940426	US 92953521	A	19920930	199416
EP 663123	A1	19950719	EP 93922812	A	19930929	199533
			WO 93US9368	A	19930929	
CA 2144951	C	19990105	CA 2144951	A	19930929	199912

Priority Applications (No Type Date): US 92953521 A 19920930

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9408353 A1 E 24 H04L-009/00

Designated States (National): CA JP

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

US 5307412 A 11 H04L-009/02

EP 663123 A1 E 1 H04L-009/00 Based on patent WO 9408353

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

CA 2144951 C H04L-009/22

... **integer using method shared by transmitter and receiver, and concatenates numerical synonyms corresp. to plain- text message**

...Abstract (Basic): The cipher system includes a plain **text alphabet** , each character of which is coded by a numerical synonym. The set of synonyms comprise...

...accessible to both sender and receiver. A concatenation of the numerical synonyms comprises a plain- **text** message string integer corresp. to a plain- **text** message...

...a string of digits accessible to both transmitter and receiver and added to the plain- **text** message string to form a cipher- **text** string. An initialising integer is produced by a number generator...

...USE/ADVANTAGE - E.g. with **alphabets** such as ITA2, ITA5, **ASCII** , EBCDIC. Increased data security. Dispenses with use of thesaurus...

...Abstract (Equivalent): The cipher system comprises a sender central processing unit to receive a plain **text** message of plain **text alphabet** characters from a source and to encode each character by one of a set of...

...to store the numerical synonyms, and a receiver central processing unit.

The latter receives a **stream** of cipher **text** message characters and decodes each character by the one of a set of numerical synonyms...

...integers. The sender CPU further develops a concatenation of the numerical synonyms, comprising a plain **text** message string integer corresp. to a plain **text** message. A message delay unit is provided for each of the sender and receiver CPUs...

...a string of digits accessible to both sender and receiver, and added to the plain **text** message string to form a cipher **text** string...

...Title Terms: **TEXT** ;

13/3,K/7 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

009635830 \*\*Image available\*\*  
WPI Acc No: 1993-329379/199342  
Related WPI Acc No: 1998-120219  
XRPX Acc No: N93-254312

**Neural network based optical character recognition system for continuous or dot matrix print characters - classifies each of web characters imaged by camera using corresp. character classification information produced by neural network accelerator**

Patent Assignee: EASTMAN KODAK CO (EAST )  
Inventor: BRYANT S M; LOEWENTHAL K H  
Number of Countries: 008 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 566015	A2	19931020	EP 93105747	A	19930407	199342 B
EP 566015	A3	19940706	EP 93105747	A	19930407	199528

Priority Applications (No Type Date): US 92868372 A 19920414

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 566015	A2	E	24	G06K-009/20	
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Designated States (Regional): CH DE ES FR GB IT LI NL

EP 566015	A3			G06K-009/20	
-----------	----	--	--	-------------	--

*functional equivalent*



... **classifies each of web characters imaged by camera using corresp. character classification information produced by neural network accelerator**

...Abstract (Basic): The optical character recognition system has a camera (38) for **image** acquisition through an imaging window which the **moving** web passes such that the printed characters can be **imaged**. Classification data is extracted and accumulated for each printed web character passing through the imaging window. A light source (50) provides transmissive illumination of the web as it is being **imaged**.

...

...the accumulated classification data to produce printed character classification information indicative of each corresponding character **imaged**. A processor (62) is coupled to the accelerator for converting the classification information into the appropriate **ASCII** character code

...Title Terms: **IMAGE** ;

13/3,K/8 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

009520130 \*\*Image available\*\*  
WPI Acc No: 1993-213672/199326  
XRPX Acc No: N93-164335

**Automated printer with data stream language determination - executes**

language determination routine at power on or reset so that manual entry  
is not required at end of job

Patent Assignee: LEXMARK INT INC (LEXM-N)

Inventor: CALLISTER D B; LEWIS J D; MAYBERRY M L; TROYER S R; WEBB J F

Number of Countries: 012 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5222200	A	19930622	US 92818311	A	19920108	199326 B
EP 551206	A1	19930714	EP 93300125	A	19930108	199328
BR 9300014	A	19930713	BR 9314	A	19930106	199332
CA 2083002	A	19930709	CA 2083002	A	19921116	199339
EP 551206	B1	19960327	EP 93300125	A	19930108	199617
DE 69301927	E	19960502	DE 601927	A	19930108	199623
			EP 93300125	A	19930108	
ES 2088807	T3	19960916	EP 93300125	A	19930108	199643
CA 2083002	C	20010206	CA 2083002	A	19921116	200111
JP 3274517	B	20020415	JP 92353023	A	19921211	200233
KR 309078	B	20011215	KR 93104	A	19930107	200249

Priority Applications (No Type Date): US 92818311 A 19920108

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5222200	A		6	G06K-015/00	
EP 551206	A1	E	6	G06F-003/12	
Designated States (Regional): CH DE ES FR GB LI SE					
BR 9300014	A			G06F-003/12	
CA 2083002	A			G06F-013/12	
EP 551206	B1	E	8	G06F-003/12	
Designated States (Regional): CH DE ES FR GB LI SE					
DE 69301927	E			G06F-003/12	Based on patent EP 551206
ES 2088807	T3			G06F-003/12	Based on patent EP 551206
CA 2083002	C	E		G06F-013/12	
JP 3274517	B		7	G06F-003/12	Previous Publ. patent JP 5334024
KR 309078	B			G06F-003/12	Previous Publ. patent KR 93016244

Automated printer with data stream language determination...

...Abstract (Basic): 500 bytes in buffer memory (19) are observed for  
command codes characteristic of specific languages. **ASCII** language is  
recognized by any one of several command codes, many of which have ESC  
...

...PostScript language is recognized by any one of several commands  
including the **ASCII** sequence of the percent sign. PCL4 or PCL5 and  
pen movement **graphics** languages are also recognized...

...Title Terms: **STREAM** ;

13/3,K/9 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009489285 \*\*Image available\*\*

WPI Acc No: 1993-182820/199322

XRPX Acc No: N93-140537

Device monitoring and storing data stream transmitted to FAX appts. -  
connectable between line and FAX appts. and has processor controlled  
adaptive switch routing data stream to FAX machine, memory or both

Patent Assignee: FISK COMMUNICATIONS INC (FISK-N)

Inventor: COOPER R R; COUCH J; KULAKOWSKI R; PRESS B

Number of Countries: 038 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9310617	A1	19930527	WO 92US9657	A	19921112	199322 B
AU 9230710	A	19930615	AU 9230710	A	19921112	199340
EP 612455	A1	19940831	EP 92924380	A	19921112	199433
			WO 92US9657	A	19921112	
JP 7504301	W	19950511	WO 92US9657	A	19921112	199527

JP 93509358 A 19921112  
EP 612455 A4 19950830 EP 92924380 A 19920000 199618

Priority Applications (No Type Date): US 91790034 A 19911112

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9310617 A1 E 91 H04M-011/00

Designated States (National): AT AU BB BG BR CA CH CS DE DK ES FI GB HU

JP KR LK LU MG MN MW NL NO PL RO RU SD SE UA US

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL  
OA SE

AU 9230710 A H04M-011/00 Based on patent WO 9310617

EP 612455 A1 E 2 H04M-011/00 Based on patent WO 9310617

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
NL SE

JP 7504301 W 1 H04M-011/00 Based on patent WO 9310617

EP 612455 A4 H04M-011/00

**Device monitoring and storing data stream transmitted to FAX appts...**

**...connectable between line and FAX appts. and has processor controlled  
adaptive switch routing data stream to FAX machine, memory or both**

**...Abstract (Basic):** A processor coupled to the adaptive switch monitors  
command signals, e.g. within the data **stream** or from a keyboard,  
without interrupting data flow to the FAX machine. It responds to the  
command data to determine if the data **stream** is to be routed to the  
FAX machine, memory, or both and controls the adaptive...

**...ADVANTAGE** - Allows data files of any format, e.g. **text** , **image** or  
**ASCII** to be transmitted across telephone network using line reserved  
for FAX machine...

**...Title Terms: STREAM ;**

**13/3,K/10 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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009447514 \*\*Image available\*\*

WPI Acc No: 1993-141039/199317

XRPX Acc No: N93-107591

**Non-lossy conversion of workstation text for TV display - using  
workstation program to capture digital text , converting information  
into command stream of standard TV character generator and transmitting  
information via standard interface**

Patent Assignee: ANONYMOUS (ANON )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 347078	A	19930310	RD 93347078	A	19930220	199317 B

Priority Applications (No Type Date): RD 93347078 A 19930220

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

RD 347078 A 1 G06F-000/00

**Non-lossy conversion of workstation text for TV display...**

**...using workstation program to capture digital text , converting  
information into command stream of standard TV character generator and  
transmitting information via standard interface**

**...Abstract (Basic):** The conversion method uses a workstation program that  
captures the actual digital, eg **ASCII text** , with all its attributes  
eg screen location, colour, etc. The program converts the information  
into the command **stream** of a standard TV character generator. The  
information is transmitted to the character generator via...



...The character generator then performs its primary function, resulting in the display of the computer **text** on the TV...

...Title Terms: **TEXT** ;

13/3,K/11 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

009334502

WPI Acc No: 1993-027965/199304

XRPX Acc No: N93-021337

**Text -to-speech converter using optical character recognition - reads scanned text into memory for reproduction by loudspeaker or on video screen at discretion of user**

Patent Assignee: KAMPPETER B (KAMP-I)

Inventor: KAMPPETER B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4123465	A1	19930121	DE 4123465	A	19910716	199304 B

Priority Applications (No Type Date): DE 4123465 A 19910716

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4123465	A1	2	A61F-009/08	

**Text -to-speech converter using optical character recognition...**

**...reads scanned text into memory for reproduction by loudspeaker or on video screen at discretion of user**

...Abstract (Basic): The **text** is scanned optically and read by a microprocessor into a digital memory, with conversion of the optical signals into **ASCII** code by an OCR computer program...

...The microprocessor is also in a position to render the **ASCII** encoded test into acoustic output. The scanned **text** can be also be reproduced on a screen with any desired deg. of enlargement, and **scrolled** under the control of the reader...

...USE/ADVANTAGE - By visually handicapped or reluctant readers, **text** can be understood more rapidly, accurately and economically than with conventional enlarging TV reprodn. equipment...

Title Terms: **TEXT** ;

13/3,K/12 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009221992 \*\*Image available\*\*

WPI Acc No: 1992-349415/199242

XRPX Acc No: N92-266557

**Pen-based processor to input and edit script - processes script or binary-encoded-characters and moving space insertion mode with bit-mapped images and drawings**

Patent Assignee: FORCIER M D (FORC-I)

Inventor: FORCIER M D

Number of Countries: 016 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9216900	A1	19921001	WO 92US2407	A	19920319	199242 B
US 5220649	A	19930615	US 91673292	A	19910320	199325
			US 91693316	A	19910429	
US 5231698	A	19930727	US 91673292	A	19910320	199331

Priority Applications (No Type Date): US 91693316 A 19910429; US 91673292 A 19910320

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9216900 A1 E 137 G06F-015/20

Designated States (National): JP

Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL SE

US 5220649 A 64 G06F-015/62 CIP of application US 91673292

US 5231698 A 61 G06F-015/62

... processes script or binary-encoded-characters and moving space insertion mode with bit-mapped images and drawings

...Abstract (Basic): The text based computer allows input and edit script in a form resembling a pad and pencil. Editing and manipulating of glyphs including handwritten script ASCII text , bit mapped images and drawings uses a compatible internal representation of the data and a consistent set of...

...Abstract (Equivalent): processor needs to be usable to input and edit script in the manner of a text -based computer but retain a resemblance to the user much like a pad and pencil. The pen-based computer implements enable input, editing and other manipulation of handwritten script, ASCII text and drawings in a common document using a compatible internal representation of the data and...

...override, during editing. The display document is formatted to contain both lined areas of script, text and imbedded drawings that can be edited, including word wrapping, and adjoining unlined drawing areas...

...USE/ADVANTAGE - For entry and editing of script, text and drawings in a document display. Enables user to enter script continually, writing on a...

...simple corrections, enables jotting down notes by engineers, lab. workers, students and doctors. Recognises stroke/ ASCII character cluster...

...The computer implements input, editing and other manipulation of glyphs including handwritten script, ASCII test, bitmapped images and drawings in a common document, using a compatible internal representation of the data and...

...to contain both lined areas of glyphs that can be edited, including insertion of a moving space into pre-existing document text and word wrapping. Adjoining unlined drawing areas are unaffected by editing of lined area contents...

...Title Terms: MOVE ;

13/3,K/13 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

009156873 \*\*Image available\*\*

WPI Acc No: 1992-284319/199214

XRPX Acc No: N92-217631

Character identification from video signal - by synchronising with signal extracting 9 wide 11 high pixel data and accessing pattern memory to identify ASCII value

Patent Assignee: MONOLITHIC RESOURCES CORP (MONO-N)

Inventor: BALLARD C R; MAZOWIESKY T; TJORNHOM W D; TJORNHOLM W D

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9204690	A	19920319	WO 91US6192	A	19910829	199214 B
AU 9187110	A	19920330	AU 9187110	A	19910829	199234
			WO 91US6192	A	19910829	
US 5121440	A	19920609	US 90575188	A	19900830	199242

Priority Applications (No Type Date): US 90575188 A 19900830

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9204690	A		69		
AU 9187110	A			G06K-009/34	Based on patent WO 9204690
US 5121440	A		22	G06K-009/34	

... with signal extracting 9 wide 11 high pixel data and accessing pattern memory to identify ASCII value

...Abstract (Basic): USE/ADVANTAGE - Allows textual video images from TV's and other video sources to be converted into ASCII streams in real-time...

...Abstract (Equivalent): A code conversion stored program derives a character code representation, such as an ASCII value, in response to the item of pixel-frame data. The recogniser derives ASCII values in real time as would be displayed on a cathode-ray-tube display in...

...ADVANTAGE - Derives ASCII values in real time...

...Title Terms: ASCII ;

13/3,K/14 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

009024993 \*\*Image available\*\*

WPI Acc No: 1992-152353/199219

Related WPI Acc No: 1997-164827; 1998-260896; 1998-271533

XRPX Acc No: N92-113665

**Goal oriented form system - includes device for generating and using form data files graphical images of goal oriented forms for display on monitor**

Patent Assignee: BORLAND INT INC (BORL-N); BORLAND INT (BORL-N)

Inventor: TURPIN W M

Number of Countries: 016 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 483664	A	19920506	EP 91118111	A	19911024	199219 B
CA 2054026	A	19920501	CA 2054026	A	19911023	199229
EP 483664	A3	19930609				199404
US 5640501	A	19970617	US 90606537	A	19901031	199730
			US 93132676	A	19931006	
EP 483664	B1	19970917				199742
DE 69127672	E	19971023	DE 627672	A	19911024	199748
			EP 91118111	A	19911024	

Priority Applications (No Type Date): US 90606537 A 19901031; US 93132676 A 19931006

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 483664	A	E	63		
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE

US 5640501	A	40	G06F-017/30	Cont of application US 90606537
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EP 483664	B1	E	58	G06F-017/20
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DE 69127672	E		G06F-017/20	Based on patent EP 483664
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CA 2054026	A		G06F-015/21	
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... includes device for generating and using form data files graphical images of goal oriented forms for display on monitor

...Abstract (Basic): The system comprises a device for generating and using form data files which define graphical images of goal oriented forms for display on a monitor, and graphical images of decision trees associated with the fields of a form. Generation of form data files...

...data links between selected fields of forms and e.g. a relational data base, an **ASCII** file, or a dynamic data exchange link with an application...

...relations which are the basis of goal oriented prompting in the system. System includes a **run** -time mode where fields of a form may be selected and the decision tree assigned...

...Abstract (Equivalent): completion comprising means for generating and means for using form data files which define. a **graphical images** (13, 14, 16, 18, 19, 20) of at least one goal oriented form for display on a monitor; a **graphical image** (15, 24, 25, 26, 30, 31, 32) of at least one decision tree discretely with...

...Abstract (Equivalent): a **graphical image** of at least one goal oriented form for display on a monitor, said form including...

...a **graphical image** of at least one decision tree, said at least one decision tree defining specific operations...

...Title Terms: **GRAPHICAL** ;

13/3,K/15 (Item 12 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2002 Thomson Derwent. All rts. reserv.

008260667 \*\*Image available\*\*  
 WPI Acc No: 1990-147668/199019  
 XRPX Acc No: N90-114421

Processing documents with encoded characters on - inserting bit map video image of unrecognised character in ASCII data line of neighbouring characters

Patent Assignee: EASTMAN KODAK CO (EAST )  
 Inventor: RUDAK P  
 Number of Countries: 014 Number of Patents: 004  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4914709	A	19900403	US 89360967	A	19890602	199019 B
WO 9015398	A	19901213				199101
EP 428713	A	19910529	EP 90909990	A	19900530	199122
JP 4500422	W	19920123	JP 90509293	A	19900530	199210

Priority Applications (No Type Date): US 89360967 A 19890602; US 89360565 A 19890602

Patent Details:  
 Patent No Kind Lan Pg Main IPC Filing Notes  
 WO 9015398 A  
 Designated States (National): JP  
 Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE  
 EP 428713 A  
 Designated States (Regional): DE GB

... inserting bit map video image of unrecognised character in ASCII data line of neighbouring characters

...Abstract (Basic): The method of processing documents with characters encoded involves **moving** the documents along a path in serial flow and reading data during movement. The data...

...readable characters are displayed in lines as they appear on the document. A bit mapped **image** of each unrecognisable character is generated and inserted in place of the unrecognisable character on...

...line of correctly read characters. The correct character is entered after viewing the bit mapped **image** in context with the readable characters...

...Title Terms: **IMAGE** ;

13/3,K/16 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

008041727

WPI Acc No: 1989-306839/198942

XRPX Acc No: N89-233737

**Translating graphics language file to CADAM file - starting utility  
program to create file and up-loading to CADAM host as ASCII file**

Patent Assignee: ANONYMOUS (ANON )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 304043	A	19890810				198942 B

Priority Applications (No Type Date): RD 89304043 A 19890720

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RD 304043	A	1		

**Translating graphics language file to CADAM file...**

**...starting utility program to create file and up-loading to CADAM host as  
ASCII file**

...Abstract (Basic): Many personal computer based drawing programmes have  
the capability to create a **Graphics** Language (GL) file for IBM and  
Hewlett Packard type plotters. Nearly all do not have...

...is started and the option to convert Hewlett Packard GL files into  
DESIGNCAD format and **run** it is picked...

...created DESIGNCAD file and the IGES file is uploaded to the CADAM host  
as an **ASCII** file. Finally, the CADAM IGES processor is started to  
create the CADAM drawing file...

...Title Terms: **GRAPHIC** ;

**13/3,K/17 (Item 14 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

007867221

WPI Acc No: 1989-132333/198918

XRPX Acc No: N89-100763

**Video image display unit for data network - has RAM connected to video  
peripheral interface, with software allowing series of images to be  
stored and called up by operation**

Patent Assignee: ARCHITECT TELEMATIQ (ARCH-N)

Inventor: AUGAIS T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2620543	A	19890317	FR 8712625	A	19870911	198918 B

Priority Applications (No Type Date): FR 8712625 A 19870911

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
<u>FR 2620543</u>	A	21		

**Video image display unit for data network...**

**...has RAM connected to video peripheral interface, with software allowing  
series of images to be stored and called up by operation**

...Abstract (Basic): g. a microprocessor; ROM containing network protocol  
and data processing software; RAM for storing video **images** and  
programme data and a control unit for the RAM...

...outputs for display devices. The device may also have a back-up power

supply and **run** software which allows a series of **images** to be stored and called up by the operator. The stored data consists of **ASCII** character codes and grey level or colour information...

...USE - For processing and displaying video **images** transmitted over low speed, e.g. 1200 baud, data network, e.g. MINITEL...

...Title Terms: **IMAGE** ;

13/3,K/18 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

007431666 \*\*Image available\*\*

WPI Acc No: 1988-065601/198810

XRPX Acc No: N88-049692

**Monitoring of document microfilming in camera with paginator - allotting numerical sequences to document exposures with corresp. blip exposures for buffer storage and comparison purposes**

Patent Assignee: AGFA-GEVAERT AG (GEVA )

Inventor: WEINZIERL M; ZIERAN E

Number of Countries: 013 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 258745	A	19880309	EP 87112071	A	19870820	198810 B
DE 3715501	A	19880310	DE 3715501	A	19870509	198811
DE 3715501	C	19880616				198824
US 4757352	A	19880712	US 8790225	A	19870827	198830
EP 258745	B1	19921202	EP 87112071	A	19870820	199249
ES 2037041	T3	19930616	EP 87112071	A	19870820	199327

Priority Applications (No Type Date): DE 3715501 A 19870509; DE 3629760 A 19860902

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 258745	A	G 15		
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Designated States (Regional): AT BE CH ES FR GB IT LI LU NL SE

DE 3715501	A	13		
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US 4757352	A	13		
------------	---	----	--	--

EP 258745	B1 G	18	G03B-027/46	
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Designated States (Regional): AT BE CH ES FR GB IT LI LU NL SE

ES 2037041	T3		G03B-027/46	Based on patent EP 258745
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...Abstract (Basic): and the associated blips are input to an exposure station evaluation circuit (11d) in corresp. **ASCII** code...

...Faster and frictionless microfilming of various documents is possible without comparison of document addresses and **picture** addresses.

...Abstract (Equivalent): with each range of numbers in the exposure station (at 17), - that, as the documents **run** through, each range of numbers upon each actuation of the paging device (1) are entered...

...Abstract (Equivalent): To monitor the **picture** taking of documents in a camera assembly including a paging device and an exposure device...

...within a digital range assigned to the partial stack. In the exposure device the film **pictures** are exposed with a blip sign whose shape is assigned to the processed digital range...

...Title Terms: **ASCII**

13/3,K/19 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

007324095

WPI Acc No: 1987-321102/198745

XRPX Acc No: N87-240279

**Video still player with customised viewing arrangement - has buffered**

**data input channel protecting resident memory whilst allowing random picture access, text annotation and interactive access**

Patent Assignee: EASTMAN KODAK CO (EAST )

Inventor: COMPTON J T

Number of Countries: 009 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8706756	A	19871105	WO 87US815	A	19870413	198745 B
EP 267235	A	19880518	EP 87903090	A	19870413	198820
JP 63503179	W	19881117				198901
US 4796099	A	19890103	US 86855251	A	19860424	198904
CA 1320765	C	19930727	CA 535095	A	19870421	199336

Priority Applications (No Type Date): US 86855251 A 19860424

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 8706756	A	E 25		

Designated States (National): JP

Designated States (Regional): BE DE FR GB IT NL

EP 267235	A	E
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Designated States (Regional): BE DE FR GB IT NL

US 4796099	A	12
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CA 1320765	C	G11B-027/00
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... has buffered data input channel protecting resident memory whilst allowing random picture access, text annotation and interactive access

...Abstract (Basic): The video still player has an external assembly (42) containing a keyboard (48), **picture** programme compiler (40), mass memory (46) and external processor (44) which plugs into an interface ...

...the normal keyboard (6) transfers control to the external assembly. The internal processor (7) and **text** controller (9) now **run** under commands stored in mass memory (46) to provide enhanced functions without corrupting remote memory...

...A decoder (58) separates down loaded programme from **ASCII** characters and machine commands and routes them to the remote memory (5), **text** controller (9) and internal processor (7) respectively...

...Abstract (Equivalent): instructions handled in this way can, for example, generate a programme for retrieving disks, and **pictures** within disks, in any randomised sequence...

...Title Terms: **PICTURE** ;

13/3,K/20 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007261299

WPI Acc No: 1987-258306/198737

XRPX Acc No: N87-193408

**On-line presentation implementation for information processing - has compiler which creates file identifying image data to be used in presentation**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )

Inventor: GAITHER W D; GIOVANNETTI L T; GRAFE R J; HALL L F; MEYER G P;

PANCOAST S T; GIOVANNETT L T

Number of Countries: 006 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 237014	A	19870916	EP 87103377	A	19870310	198737 B
US 4864516	A	19890905	US 86837996	A	19860310	198945
CA 1271564	A	19900710				199033
EP 237014	B1	19940713	EP 87103377	A	19870310	199427
DE 3750188	G	19940818	DE 3750188	A	19870310	199432

Priority Applications (No Type Date): US 86837996 A 19860310

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 237014 A E 14

Designated States (Regional): DE FR GB IT

US 4864516 A 11

EP 237014 B1 E 14 G06F-015/72

Designated States (Regional): DE FR GB IT

DE 3750188 G G06F-015/72 Based on patent EP 237014

... has compiler which creates file identifying image data to be used in presentation

...Abstract (Basic): The data assembly method comprises entering into the system image data using the data input device. A number of control commands are entered for displaying the image data separately from the image data. A pictorial representation of the image data is displayed using the control commands. The selected control commands are compiled. Object code files are created from the compiled commands. A temporary file is created identifying the image data required in the on-line presentation. A compressed image data file is created...

...Each APA image created is identified and stored. Each ASCII image created is identified and stored...

...Abstract (Equivalent): compiling (50) the selected control commands into operating code for said information processing system, and running (28) the compiled code to display said presentation panel by panel using the panel and...

...Abstract (Equivalent): is to be presented on the display. The compiler also creates a file identifying the image data to be used in the presentation. This file contains the names of the display units describing the image data used to indicate which of the uncompressed image data to be operated upon the compressor...

...The compressor formats and compresses the displayable picture elements of text and graphic shapes which have been used to create the on-line presentation. The processor then loads and executes the object code of the control commands with its corresp. picture elements of image data to create the on-line presentation. The control commands are generated totally separate from the image data. (11pp)

...Title Terms: IMAGE ;

13/3,K/21 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

007038256

WPI Acc No: 1987-038253/198706

XRPX Acc No: N87-029115

**Word processing system - has demonstration data held in ROM for output to display and printer**

Patent Assignee: SHARP KK (SHAF )

Inventor: YAMAGUCHI K

Number of Countries: 002 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3625177	A	19870205	DE 3625177	A	19860725	198706 B
GB 2179772	A	19870311	GB 8618202	A	19860725	198710
GB 2179772	B	19881229				198901
DE 3625177	C	19900426				199017

Priority Applications (No Type Date): JP 85166341 A 19850726; JP 85166340 A 19850726

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes



DE 3625177 A 6

...Abstract (Basic): A **text** processing system i.e. word processor, has typewriter with a line display and keyboard (1). The keyboard has a standard **ASCII** format together with additional control keys. A processing control unit (2) provides sentence processing and...

...Abstract (Equivalent): The advantage is the convenience of being able to display the results of a demonstration **run**, with a set programme or a variation of the one stored. (6pp)

...Abstract (Equivalent): storage means in which is stored a system program, a second storage means for storing **text** data to be displayed and/or printed, and processing means for processing the **text** data in said second storage means, wherein said first storage means includes a data area in which demonstration data defining **text** to be displayed and/or printed in a demonstration of the apparatus can be prestored...

13/3,K/22 (Item 19 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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002392491

WPI Acc No: 1980-K8961C/198045

**Photosensitive recorder providing alphanumeric characters - sets reducing lens in motion for set period to focus light from LEDs onto various areas of microfilm**

Patent Assignee: BURROUGHS CORP (BURS )

Inventor: BEERY J; MIHALIK A S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4229086	A	19801021				198045 B

Priority Applications (No Type Date): US 7963465 A 19790803; US 77836599 A 19770926

**Photosensitive recorder providing alphanumeric characters...**

**...sets reducing lens in motion for set period to focus light from LEDs onto various areas of microfilm**

...Abstract (Basic): w.r.t. the camera box. A size reduction lens that is in continuous scanning **motion** in one direction for at least a period of time focuses a light from the...

...the lens as the lens moves. At least one storage register is provided for receiving **alphanumeric** character data in **ASCII** code. Circuitry is provided that is responsive to the **ASCII** character data and the optical position detector pulses to selectively energise the seven LEDs.

...Title Terms: **ALPHANUMERIC** ;

14/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

012794338 \*\*Image available\*\*  
WPI Acc No: 1999-600567/199951  
XRPX Acc No: N99-442667

**Computer implemented hyper video interface for computer based video products in commercial and consumer markets**

Patent Assignee: ANDERSEN CONSULTING LLP (ANDE-N)  
Inventor: DOUGLAS S A; HALABE D J; HUBBELL J R  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5966121	A	19991012	US 95542297	A	19951012	199951 B

Priority Applications (No Type Date): US 95542297 A 19951012

**Patent Details:**

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5966121	A		45	G06F-003/14	

**Abstract (Basic):**

... Enables user-activated and automated transitioning between several video, **graphics**, textual, **animation** and other types of multimedia files, when navigating through a hyper video application. A mark video file conforms to an **ASCII** format to permit easy creation and modification. Provides an intuitive GUI to facilitate rapid, real ...

14/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

007288849  
WPI Acc No: 1987-285856/198741  
XRPX Acc No: N87-214256

**Digital video display generator for teleprompter system - produces video image by mixing consecutive pixels arranged in direction of movement with weighting factor**

Patent Assignee: GRASS VALLEY GROUP INC (GRAV ); DUBNER COMPUTER SYSTEMS (DUBN-N)

Inventor: DUBNER R J

Number of Countries: 005 Number of Patents: 005

**Patent Family:**

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 240970	A	19871014	EP 87105061	A	19870406	198741 B
US 4849746	A	19890718	US 86848599	A	19860407	198936
CA 1273136	A	19900821				199039
EP 240970	B1	19931027	EP 87105061	A	19870406	199343
DE 3787914	G	19931202	DE 3787914	A	19870406	199349
			EP 87105061	A	19870406	

Priority Applications (No Type Date): US 86848599 A 19860407

**Patent Details:**

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 240970	A	E	23		

Designated States (Regional): DE FR GB

US 4849746 A 11

EP 240970 B1 E 15 G09G-001/16

Designated States (Regional): DE FR GB

DE 3787914 G G09G-001/16 Based on patent EP 240970

... produces video image by mixing consecutive pixels arranged in direction of movement with weighting factor

...Abstract (Basic): The generator (18) has a central processing unit and a memory (14) which stores **ASCII** characters for display and the

generator control program. The data for display is input to the memory from a word processor, **animation** generator or video tape. The data for display and computed initial values are output to...

...which selects the current pixel for display and the next pixel in the direction of **motion** of the display. These are outputted as gray scale intensity or colour shading values to...

...The weighting factor depends upon the rate of **scrolling** of the display. The resulting weighted pixel output is supplied to the video generator (29...

...ADVANTAGE - Smooth **scrolling** of digital display characters with good character quality achieved...

...Abstract (Equivalent): for display on a video display device (20) such that smooth movement of the video **image** across the video display device occurs, the processing means including means (64) for mixing consecutive...

...Abstract (Equivalent): The digital video generator provides for smooth **scrolling** of a video **image** across a video display device. A digital memory contains data to be displayed. Under control...

...together in a mixer with a weighting factor determined by the computer according to the **scrolling** speed selected to provide a weighted pixel. The weighted pixel is converted into analog video...

...At intervals depending upon the selected **scrolling** speed the computer reloads the display memory from the digital memory to replace the data which has been displayed and **scrolled** off the monitor. Initial values for the top of the display field and the weighting...

...USE - For character generator in TV industry for special effects and **scrolling** , and for teleprompter. (11pp)

...Title Terms: **IMAGE** ;

File 344:CHINESE PATENTS ABS APR 1985-2001/Oct  
(c) 2001 EUROPEAN PATENT OFFICE  
File 347:JAPIO OCT 1976-2001/Aug(UPDATED 011203)  
(c) 2001 JPO & JAPIO  
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200176  
(c) 2001 Derwent Info Ltd

Set	Items	Description
S1	2	AU="APPLE T" OR AU="APPLE T S"
S2	42	AU="NOBLE P":AU="NOBLE P S F"
S3	1	AU="FOOTEN J"
S4	282	AU="KLEIN A":AU="KLEIN ARTHUR LEWIS"
S5	1	S1 AND S2 AND S3 AND S4

5/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

012140877 \*\*Image available\*\*  
WPI Acc No: 1998-557789/199847  
XRPX Acc No: N98-434774

**Video wall for displaying financial trading information - comprises a number of visual display units arranged to form a video wall for dynamically displaying graphic identifiers, such as corporate logos, to identify financial trading information**

Patent Assignee: NASDAQ STOCK MARKET INC (NASD-N)

Inventor: APPLE T ; FOOTEN J ; KLEIN A ; NOBLE P

Number of Countries: 076 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9845830	A1	19981015	WO 97US5640	A	19970404	199847 B
AU 9726079	A	19981030	AU 9726079	A	19970404	199911
			WO 97US5640	A	19970404	
EP 972279	A1	20000119	EP 97917866	A	19970404	200009
			WO 97US5640	A	19970404	
CN 1251676	A	20000426	CN 97182104	A	19970404	200036
			WO 97US5640	A	19970404	
BR 9714681	A	20000725	BR 9714681	A	19970404	200043
			WO 97US5640	A	19970404	
SK 9901347	A3	20000814	WO 97US5640	A	19970404	200051
			SK 991347	A	19970404	
MX 9909011	A1	20000601	MX 999011	A	19991001	200133

Priority Applications (No Type Date): WO 97US5640 A 19970404

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9845830 A1 82 G09F-027/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG  
UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT  
KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9726079 A G09F-027/00 Based on patent WO 9845830

EP 972279 A1 E G09F-027/00 Based on patent WO 9845830

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LT  
LU MC NL PT SE SI

CN 1251676 A G09F-027/00

BR 9714681 A G09F-027/00 Based on patent WO 9845830

SK 9901347 A3 G09F-027/00

MX 9909011 A1 G09F-027/00

Abstract (Basic): WO 9845830 A

A video wall, comprising a number of visual display units, is used to dynamically display financial trading information (200). Graphic identifiers, such as corporate logos, are used to identify the financial data, instead of using the abbreviated text identifiers of the conventional ticker display format. When the financial markets are closed, this moving display area can be used to scroll market facts and other messages.

Other display areas of the video wall can be used to show videos of company profiles, interactive display elements, graphics showing activity in a main market, information about groups of securities, and a live commentary about recent market activity.

ADVANTAGE - Easy to understand, due to the use of graphic identifiers instead of abbreviated text identifiers.

Dwg.2/47

Title Terms: VIDEO; WALL; DISPLAY; FINANCIAL; TRADE; INFORMATION; COMPRISE;  
NUMBER; VISUAL; DISPLAY; UNIT; ARRANGE; FORM; VIDEO; WALL; DYNAMIC;  
DISPLAY; GRAPHIC; IDENTIFY; IDENTIFY; FINANCIAL; TRADE; INFORMATION  
Derwent Class: P85; T01; T04; W05

International Patent Class (Main): G09F-027/00  
File Segment: EPI; EngPI

File 348:EUROPEAN PATENTS 1978-2001/DEC W02

(c) 2001 European Patent Office

File 349:PCT FULLTEXT 1983-2001/UB=20011227,UT=20011213

(c) 2001 WIPO/Univentio

Set	Items	Description
S1	2	AU="APPLE THOMAS"
S2	4	AU="NOBLE PAUL"
S3	2	AU="FOOTEN JOHN"
S4	7	AU="KLEIN ANDREW" OR AU="KLEIN ANDREW D"
S5	2	S1 AND S2 AND S3 AND S4

5/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2001 European Patent Office. All rts. reserv.

00998568

**MEDIA WALL FOR DISPLAYING FINANCIAL INFORMATION**  
**MEDIENWAND ZUR ANZEIGE VON FINANZNACHRICHTEN**  
**MUR D'AFFICHAGE D'INFORMATIONS FINANCIERES**

PATENT ASSIGNEE:

The Nasdaq Stock Market, Inc., (2518710), 1735 K Street, N.W.,  
Washington, DC 20006-1506, (US), (Applicant designated States: all)

INVENTOR:

**APPLE, Thomas** , 4207 31st Street, Arlington, VA 22207-4113, (US)  
**NOBLE, Paul** , 45 Minnisink Road, Short Hills, NJ 07078, (US)  
**FOOTEN, John** , 117 Schmitz Terrace, Mt. Arlington, NJ 07856, (US)  
**KLEIN, Andrew** , 48 San Felipe Way, Novate, CA 94945, (US)

LEGAL REPRESENTATIVE:

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The Ropewalk, Nottingham NG1 5DD, (GB)

PATENT (CC, No, Kind, Date): EP 972279 A1 000119 (Basic)  
WO 9845830 981015

APPLICATION (CC, No, Date): EP 97917866 970404; WO 97US5640 970404

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: LT; SI

INTERNATIONAL PATENT CLASS: G09F-027/00

CITED PATENTS (WO A): US 4746981 A ; US 5657046 A ; EP 749081 A ; EP 388162  
A

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 010321 A1 Date of dispatch of the first examination  
report: 20010202

Application: 20000119 A1 Published application with search report

Change: 010808 A1 Inventor information changed: 20010618

Application: 990317 A1 International application (Art. 158(1))

Examination: 20000119 A1 Date of request for examination: 19990918

LANGUAGE (Publication,Procedural,Application): English; English; English

INVENTOR:

**APPLE, Thomas** ...

...US)

**NOBLE, Paul** ...

...US)

**FOOTEN, John** ...

...US)

**KLEIN, Andrew** ...

5/5,K/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00455366

**MEDIA WALL FOR DISPLAYING FINANCIAL INFORMATION**  
**MUR D'AFFICHAGE D'INFORMATIONS FINANCIERES**

Patent Applicant/Assignee:

THE NASDAQ STOCK MARKET INC,

Inventor(s):

**APPLE Thomas** ,  
**NOBLE Paul** ,  
**FOOTEN John** ,  
**KLEIN Andrew**

Patent and Priority Information (Country, Number, Date):

Patent: WO 9845830 A1 19981015



Application: WO 97US5640 19970404 (PCT/WO US9705640)  
Priority Application: WO 97US5640 19970404  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU GH KE  
LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Main International Patent Class: G09F-027/00  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 9955

#### English Abstract

A system dynamically displays graphic identifier information, such as corporate logos, and value information for financial instruments, such as recent trade information, on a video wall having several monitors arranged to form a larger display. The system has input ports to receive feeds with identifiers and corresponding values of financial instruments, a filter to extract the identifiers and corresponding values of the financial instruments, a memory to store the extracted information and a table associating the financial instrument identifiers with graphic symbols, and processors to form a display signal with the graphic symbols and values.

#### French Abstract

L'invention concerne un systeme qui affiche de maniere dynamique des identifiants graphiques, telles que des logos de societes et des informations sur les valeurs concernant des instruments financiers, tels que des informations recentes commerciales, sur un mur video presentant plusieurs ecrans disposes de maniere a former un affichage plus grand. Le systeme comporte des ports d'entree permettant de recevoir des signaux d'entree comportant les identifiants et les valeurs correspondantes d'instruments financiers, un filtre destine a extraire les identifiants et les valeurs correspondantes des instruments financiers, une memoire destinee a stocker les informations extraites et un tableau associant les identifiants d'instruments financiers aux symboles graphiques, ainsi que des processeurs destines a former un signal d'affichage avec les symboles graphiques et les valeurs.

#### Inventor(s):

APPLE Thomas ...  
... NOBLE Paul ...  
... FOOTEN John ...  
... KLEIN Andrew

File 344:CHINESE PATENTS ABS APR 1985-2001/Oct  
(c) 2001 EUROPEAN PATENT OFFICE  
File 347:JAPIO OCT 1976-2001/Aug(UPDATED 011203)  
(c) 2001 JPO & JAPIO  
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200176  
(c) 2001 Derwent Info Ltd

Set	Items	Description
S1	19056	TICKER? OR SCROLL? OR TELEGRAPH?(2N) (INSTRUMENT? OR RECEIV- ?) OR DYNAMIC?()DISPLAY?
S2	2152281	LOGO? OR SYMBOL? OR GRAPHIC? OR LABEL? OR TRADEMARK? OR IM- AGE? OR BRAND? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIF- IER? OR CHARACTER? OR PICTOGRAM? OR GLYPH?
S3	574521	TEXT? OR WORD? OR WRITE? OR WRITTEN OR WRITING? OR LETTER?
S4	750	S1 AND S2 AND S3
S5	8	S4 AND (IC=G09F-027/00 OR MC=T01-C04D? OR MC=W05-E05C?)
S6	51768	S2(5N)S3
S7	50	S6(5N)S1
S8	49	S7 NOT S5
S9	40989	S2(3N)S3
S10	43	S9(5N)S1
S11	42	S10 NOT S5

5/5/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04122064 \*\*Image available\*\*  
DISPLAY DEVICE WITH VOICE OUTPUT FUNCTION

PUB. NO.: 05-113764 [JP 5113764 A]  
PUBLISHED: May 07, 1993 (19930507)  
INVENTOR(s): KABETANI KIYOSHI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese  
Company or Corporation), JP (Japan)  
APPL. NO.: 03-304036 [JP 91304036]  
FILED: October 23, 1991 (19911023)  
INTL CLASS: [5] G09F-027/00 ; G09G-005/00; G10L-003/00  
JAPIO CLASS: 30.9 (MISCELLANEOUS GOODS -- Other); 42.5 (ELECTRONICS --  
Equipment); 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R108 (INFORMATION PROCESSING -- Speech Recognition &  
Synthesis); R139 (INFORMATION PROCESSING -- Word  
Processors)  
JOURNAL: Section: P, Section No. 1602, Vol. 17, No. 474, Pg. 131,  
August 27, 1993 (19930827)

#### ABSTRACT

PURPOSE: To facilitate editing and deleting of **character** and voice  
information and synchronous control of them by synchronizing a voice output  
with a **character** display for each message unit or clause unit.

CONSTITUTION: A specified message stored in a message storing part 21 is  
sent to a **character** display part 30 and, immediately after that, the same  
message is sent to a voice synthesis part 23. When the **character** display  
part 30 completes displaying the initial clause of the message by **scroll**  
or screen switchover system, it gives a display completion notice to a  
synchronous control part 24 and waits for output of the next clause display  
instruction from the synchronous control part 24. Then, when the synthesis  
output of the initial clause is completed at the voice synthesis part 23,  
the voice synthesis part 23 gives a voice output completion notice to the  
synchronous control part 24. The synchronous control part 24 receives the  
voice output completion notice, gives a notice of next clause display start  
instruction to the **character** display part 30, and gives a notice of next  
clause voice output start instruction also to the voice synthesis part 23.

5/5/2 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013922478 \*\*Image available\*\*  
WPI Acc No: 2001-406691/200143  
Related WPI Acc No: 1997-051542; 1998-377125  
XRPX Acc No: N01-300750

Icon displaying method for desk-top display, involves generating image  
data based on selected editing method, by operating on portion of media  
data content

Patent Assignee: HITACHI LTD (HITA )  
Inventor: KOHNO T; TANAKA T; TOMITA H  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6169547	B1	20010102	US 94271923	A	19940707	200143 B
			US 96631438	A	19960412	
			US 96727164	A	19961007	
			US 97974226	A	19971119	

Priority Applications (No Type Date): JP 93170021 A 19930709; JP 9333020 A  
19930223  
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 6169547 B1 33 G06F-017/30 Cont of application US 94271923  
Cont of application US 96631438  
Cont of application US 96727164  
Cont of patent US 5586316  
Cont of patent US 5771380

Abstract (Basic): US 6169547 B1

NOVELTY - An editing method is selected according to kind of media data based on which **image** data is generated by operating on portion of the contents of media data. An **icon** (61) is then displayed based on the **image** data.

DETAILED DESCRIPTION - The **icon** generation method is selected according to a data format of media data. An **image** data is generated by operating on portion of media data contents, if media data has an **image** format.

USE - For desk-top display to display **icon** of media data such as **texts**, **graphics**, **images** and video stored in information processing system such as workstation or personal computer.

ADVANTAGE - A **scroll** bar which is automatically attached to **icon**, is manipulated to make the reference range changeable.

DESCRIPTION OF DRAWING(S) - The figure shows the desk-top display.

**Icon** (61)

pp; 33 DwgNo 24/25

Title Terms: DISPLAY; METHOD; DESK; TOP; DISPLAY; GENERATE; **IMAGE**; DATA; BASED; SELECT; EDIT; METHOD; OPERATE; PORTION; MEDIUM; DATA; CONTENT

Derwent Class: T01; T04

International Patent Class (Main): G06F-017/30

File Segment: EPI

5/5/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012933671 \*\*Image available\*\*

WPI Acc No: 2000-105518/200009

XPX Acc No: N00-081108

**Displaying method for digital images of original documents and translations**

Patent Assignee: CORBIS CORP (CORB-N)

Inventor: AREND M B; GOLDSTEIN M B; JUANARENA C J; WONG C G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6012073	A	20000104	US 96734232	A	19961021	200009 B

Priority Applications (No Type Date): US 96734232 A 19961021

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6012073 A 26 G06T-003/20

Abstract (Basic): US 6012073 A

NOVELTY - A portion of an original **text** bitmap is shown on the main display area of the display of the computer system. A translation window is displayed over the main display area. The translation window shows a portion of a translation bitmap which corresponds to the original **text** bitmap portion covered by the translation window.

DETAILED DESCRIPTION - Bitmaps, which are to be used in a computer system which has a display, are stored.

USE - For digital **images** of original documents and translations.

ADVANTAGE - Facilitates review and study of larger document pages through **image scrolling** and movement of translation window. Provides overview feature, which has logical links to subject matter categories, and mirroring feature.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of original **text** and translation bitmaps calculating and displaying

method.

pp; 26 DwgNo 19/20

Title Terms: DISPLAY; METHOD; DIGITAL; **IMAGE** ; ORIGINAL; DOCUMENT;

TRANSLATION

Derwent Class: T01

International Patent Class (Main): G06T-003/20

International Patent Class (Additional): G06T-003/40

File Segment: EPI

**5/5/4 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012898816 \*\*Image available\*\*

WPI Acc No: 2000-070651/200006

Related WPI Acc No: 1999-539668; 2000-061687; 2000-246095; 2000-375317;

2000-593267; 2001-265079; 2001-352978

XRFX Acc No: N00-055127

**Expandable and collapsible sub-panel of graphical user interface for application program used in computer system**

Patent Assignee: AUTODESK INC (AUTO-N)

Inventor: BERTEIG R W; BRITTAIN D L; HUDSON T D; SILVA D D; YOST G S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5986657	A	19991116	US 9625117	A	19960802	200006 B
			US 97903829	A	19970731	

Priority Applications (No Type Date): US 9625117 P 19960802; US 97903829 A 19970731

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5986657	A	15	G06F-003/14	Provisional application	US 9625117

Abstract (Basic): US 5986657 A

NOVELTY - The GUI (126) includes sub-panels (405B,405C) with each provided with rollouts (408B,408C), respectively. When the selected sub-panel is in expanded or collapsed state and the corresponding rollout is activated, the selected sub-panel is respectively collapsed or expanded. Even when any one of the sub-panel is expanded or collapsed, the size of display region of GUI and position of rollouts are unchanged.

DETAILED DESCRIPTION - Each sub-panel in display region of GUI (126) has rollout bearing name of associated sub-panel and its GUI objects appearing when the sub-panel is in expanded state. When the sub-panel is in collapsed state, the rollout appears only with associated name of sub-panel. The **scrolling** of panels in display region, along particular direction is done by dragging an inactive portion of display region with the cursor placed over the inactive portion. INDEPENDENT CLAIMS are also included for the following:

(a) method of providing GUI in computer system;

(b) method of displaying three dimensional model parameter values in computer

USE - In **graphical** user interface for application programs such as **word** processor, spreadsheet, WWW browsers, other internet related software, finance software, personal information manager, **graphics** modeling and animation programs used in computer system.

ADVANTAGE - As the same control is used to expand or collapse the sub-panel, ease of use of system is enhanced by simplifying the user task of navigating through sub-panel. In the command panel which is **scrolled** up and down to permit user access to control that are off the screen, use of rollouts reduces time spent by user in **scrolling** command panel.

DESCRIPTION OF DRAWING(S) - The figure shows screen shots providing user of rollout in conjunction with tool bar.

GUI (126)

Sub-panels (405B,405C)

Roll- outs (408B,408C)  
pp; 15 DwgNo 4E/5  
Title Terms: EXPAND; COLLAPSE; SUB; PANEL; **GRAPHICAL** ; USER; INTERFACE;  
APPLY; PROGRAM; COMPUTER; SYSTEM  
Derwent Class: T01; T04; V04  
International Patent Class (Main): G06F-003/14  
File Segment: EPI

5/5/5 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012140877 \*\*Image available\*\*  
WPI Acc No: 1998-557789/199847  
XRPX Acc No: N98-434774

**Video wall for displaying financial trading information - comprises a number of visual display units arranged to form a video wall for dynamically displaying graphic identifiers , such as corporate logos , to identify financial trading information**

Patent Assignee: NASDAQ STOCK MARKET INC (NASD-N)

Inventor: APPLE T; FOOTEN J; KLEIN A; NOBLE P

Number of Countries: 076 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9845830	A1	19981015	WO 97US5640	A	19970404	199847 B
AU 9726079	A	19981030	AU 9726079	A	19970404	199911
			WO 97US5640	A	19970404	
EP 972279	A1	20000119	EP 97917866	A	19970404	200009
			WO 97US5640	A	19970404	
CN 1251676	A	20000426	CN 97182104	A	19970404	200036
			WO 97US5640	A	19970404	
BR 9714681	A	20000725	BR 9714681	A	19970404	200043
			WO 97US5640	A	19970404	
SK 9901347	A3	20000814	WO 97US5640	A	19970404	200051
			SK 991347	A	19970404	
MX 9909011	A1	20000601	MX 999011	A	19991001	200133

Priority Applications (No Type Date): WO 97US5640 A 19970404

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9845830 A1 82 G09F-027/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG  
UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT  
KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9726079 A G09F-027/00 Based on patent WO 9845830

EP 972279 A1 E G09F-027/00 Based on patent WO 9845830

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LT  
LU MC NL PT SE SI

CN 1251676 A G09F-027/00

BR 9714681 A G09F-027/00 Based on patent WO 9845830

SK 9901347 A3 G09F-027/00

MX 9909011 A1 G09F-027/00

Abstract (Basic): WO 9845830 A

A video wall, comprising a number of visual display units, is used to **dynamically display** financial trading information (200).

**Graphic identifiers** , such as corporate **logos** , are used to identify the financial data, instead of using the abbreviated **text identifiers** of the conventional **ticker** display format. When the financial markets are closed, this moving display area can be used to **scroll** market facts and other messages.

Other display areas of the video wall can be used to show videos of company profiles, interactive display elements, **graphics** showing

activity in a main market, information about groups of securities, and a live commentary about recent market activity.

ADVANTAGE - Easy to understand, due to the use of **graphic identifiers** instead of abbreviated **text identifiers**.

Dwg.2/47

Title Terms: VIDEO; WALL; DISPLAY; FINANCIAL; TRADE; INFORMATION; COMPRISE; NUMBER; VISUAL; DISPLAY; UNIT; ARRANGE; FORM; VIDEO; WALL; DYNAMIC; DISPLAY; **GRAPHIC**; IDENTIFY; IDENTIFY; FINANCIAL; TRADE; INFORMATION  
Derwent Class: P85; T01; T04; W05  
International Patent Class (Main): **G09F-027/00**  
File Segment: EPI; EngPI

5/5/6 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011564794 \*\*Image available\*\*

WPI Acc No: 1997-541275/199750

XRPX Acc No: N97-450610

Scroll **synchronous system** for general purpose application program such as word processor, spread sheet - has application execution unit which preforms re-patterning of patterning object only after updation of information of object stored in management unit

Patent Assignee: FUJITSU LTD (FUIT )

Inventor: KAKUTA J; OBATA A

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9258950	A	19971003	JP 9663273	A	19960319	199750 B
US 6072487	A	20000606	US 96713534	A	19960913	200033

Priority Applications (No Type Date): JP 9663273 A 19960319

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 9258950	A		11	G06F-003/14	
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US 6072487	A			G06F-003/14	
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Abstract (Basic): JP 9258950 A

The system in which a patterning object on an application program is edited. The movement of the **character** string in the application program is synchronized with the **scrolling** of the screen. When the screen area containing the application program is moved by an edited operation or by a **scroll** operation, the distance ascertainment unit (1) is used to calculate the distance moved by the screen.

A patterning information management unit (2) is used to control the display information of the patterning object. The distance of movement by the patterning object is judged according to the calculated distance of the screen movement. The display information of the patterning object which is stored in the pattern information management unit is updated. The re-patterning of the patterning object is then carried out using an application execution unit (3).

ADVANTAGE - Enables to copy patterning information at exact position after **scrolling**.

Dwg.1/9

Title Terms: **SCROLL**; SYNCHRONOUS; SYSTEM; GENERAL; PURPOSE; APPLY; PROGRAM; **WORD**; PROCESSOR; SPREAD; SHEET; APPLY; EXECUTE; UNIT; PREFORM; PATTERN; PATTERN; OBJECT; AFTER; INFORMATION; OBJECT; STORAGE; MANAGEMENT; UNIT

Derwent Class: T01; T03

International Patent Class (Main): G06F-003/14

International Patent Class (Additional): G11B-023/00

File Segment: EPI

5/5/7 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011559565 \*\*Image available\*\*

WPI Acc No: 1997-536046/199749

XRPX Acc No: N97-446205

**Adaptive scrolling speed for presenting information on displays - has information display for digital recording data with scrolling display that has scroll speed controlled by input data rate**

Patent Assignee: PHILIPS ELECTRONICS NV (PHIG ); PHILIPS NORDEN AB (PHIG ); KONINK PHILIPS ELECTRONICS NV (PHIG ); US PHILIPS CORP (PHIG )

Inventor: SPIERO R C; KUNNEN H J

Number of Countries: 021 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9740440	A2	19971030	WO 97IB373	A	19970408	199749 B
WO 9740440	A3	19971231	WO 97IB373	A	19970408	199817
EP 838052	A2	19980429	EP 97908469	A	19970408	199821
			WO 97IB373	A	19970408	
US 5936618	A	19990810	US 97800438	A	19970218	199938
JP 11509012	W	19990803	JP 97537878	A	19970408	199941
			WO 97IB373	A	19970408	
KR 99028361	A	19990415	WO 97IB373	A	19970408	200027
			KR 97709676	A	19971223	

Priority Applications (No Type Date): EP 96201101 A 19960424

Cited Patents: 3.Jnl.Ref; JP 5281951; JP 61225986; JP 7140963; JP 7219509; JP 850471; No-SR.Pub

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9740440 A2 E 27 G06F-003/147

Designated States (National): JP KR SG

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

KR 99028361 A G06F-003/147 Based on patent WO 9740440

EP 838052 A2 E G06F-003/147 Based on patent WO 9740440

Designated States (Regional): AT BE DE FR GB

JP 11509012 W 30 G09G-005/34 Based on patent WO 9740440

WO 9740440 A3 G06F-003/147

US 5936618 A G09G-005/34

Abstract (Basic): WO 9740440 A

The display device can be part of a unit for playing digital recorded data, e.g. **text** with music or broadcast messages. As such displays are of limited sizes the data needs to be **scrolled** as the data stream arrives. The data is received (D1) into a FIFO buffer (2.4) at a rate controlled by an input clock (C1). The data is fed to a display controller (2.2) and onto the display (2.1) at a rate controlled by a second clock (C2). The data is **scrolled** by **character**, line or pixel.

A rate controller (3) periodically monitors the input clock rate and optionally the prior display rate, and derives a new **scroll** rate. This is applied to a VCO (2.3) to control the display.

ADVANTAGE - Provides a **scroll** rate that adapts to the rate of data input to optimise the **scroll** rate.

Dwg.1/8

Title Terms: ADAPT; **SCROLL**; SPEED; PRESENT; INFORMATION; DISPLAY;

INFORMATION; DISPLAY; DIGITAL; RECORD; DATA; **SCROLL**; DISPLAY; **SCROLL**; SPEED; CONTROL; INPUT; DATA; RATE

Derwent Class: P85; T01

International Patent Class (Main): G06F-003/147; G09G-005/34

International Patent Class (Additional): G06F-003/00; G06F-013/00; G09G-005/00

File Segment: EPI; EngPI

5/5/8 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011363193     \*\*Image available\*\*

WPI Acc No: 1997-341100/199731

XRPX Acc No: N97-283062

**Refresh bandwidth reduction method for video displays - involves  
constructing scan line from character based on extracted attribute  
information and first character font line and displaying it on monitor**

Patent Assignee: VLSI TECHNOLOGY INC (VLSI-N)

Inventor: JAYAVANT R; RHODEN W D

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5642136	A	19970624	US 93163418	A	19931206	199731 B
			US 96661404	A	19960607	

Priority Applications (No Type Date): US 93163418 A 19931206; US 96661404 A 19960607

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5642136	A	12		Cont of application US 93163418

Abstract (Basic): US 5642136 A

The method for refreshing a display on a monitor involves storing, in a memory buffer, multiple-byte **words** for each **character**, containing a fontline for the **character**, and font attribute data. Each font line for the **character** is a single scan line and the font attribute information is the same for each multiple byte **word** for the **character**.

A multiple byte **word** is read for each **character** font line to be displayed on the monitor. The attribute information and a first **character** font line are extracted from the read multiple byte **word**. A **character** scan line is constructed for the **character** based on the extracted attribute information and the first **character** font line. The constructed **character** scan line is displayed on the monitor.

USE/ADVANTAGE - Reduces frequency with which frame buffer needs to be reformatted due to changes in **graphics** controller configuration. Is fully compatible with VGA panning and line compare operations, providing fast **scrolling** and split screen operation.

Dwg.6/6

Title Terms: REFRESH; BANDWIDTH; REDUCE; METHOD; VIDEO; DISPLAY; CONSTRUCTION; SCAN; LINE; **CHARACTER**; BASED; EXTRACT; ATTRIBUTE; INFORMATION; FIRST; **CHARACTER**; FONT; LINE; DISPLAY; MONITOR

Derwent Class: P85; T01; T04

International Patent Class (Main): G09G-005/24

File Segment: EPI; EngPI

11/5/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06316405 \*\*Image available\*\*  
PAPERLESS RECORDER

PUB. NO.: 11-258003 [JP 11258003 A]  
PUBLISHED: September 24, 1999 (19990924)  
INVENTOR(s): KUBOTA AKIRA  
TAKAHASHI HIROYUKI  
APPLICANT(s): YOKOGAWA ELECTRIC CORP  
APPL. NO.: 10-058006 [JP 9858006]  
FILED: March 10, 1998 (19980310)  
INTL CLASS: G01D-009/00; G01D-009/28

#### ABSTRACT

PROBLEM TO BE SOLVED: To obtain high discrimination ability similar to individual display by laminatedly displaying a **scroll picture** and a **text picture** in the whole picture area of a two-dimensional display device by a dot unit, and full-sizedly displaying both the pictures.

SOLUTION: A figure 3 displays a **scroll picture** and a **text picture** mutually overlapped. Namely, the text picture for statically displaying a letter line related to measurement is overlapped on a laterally facing **scroll picture**, and every one of **text pictures** is full-sizedly displayed on a longitudinally facing scroll picture in the whole picture area of a two-dimensional display device, and a discrimination ability being as high as that in the case of individual display made about each picture can therefore be obtained. A paperless recorder is provided with a display data production section for scroll display-producing the varied state of a measurement signal; a display data production section for producing the text picture for statically displaying the letter line; a display memory where the display data produced in each display data production section are laminatedly housed every dot. Thus both the **scroll** and the **text picture** can be laminatedly displayed on the display device.

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11/5/2 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06282493 \*\*Image available\*\*  
INFORMATION DISPLAY DEVICE

PUB. NO.: 11-224082 [JP 11224082 A]  
PUBLISHED: August 17, 1999 (19990817)  
INVENTOR(s): KITAKADO JUN  
KAWAKAMI MASAMICHI  
APPLICANT(s): SANYO ELECTRIC CO LTD  
APPL. NO.: 10-025799 [JP 9825799]  
FILED: February 06, 1998 (19980206)  
INTL CLASS: G09G-005/34; G06F-003/00; G09G-005/36

#### ABSTRACT

PROBLEM TO BE SOLVED: To look over the whole of picture information without requiring complicated operations by an automatic scroll by conducting an automatic scroll in the main scanning or the subscanning directions of a display section and instructing a change of the scroll position in the main scanning or the subscanning directions.

SOLUTION: An operator selects the scroll mode setting section of a display screen, executes an automatic scroll and sets the direction of the automatic scroll. If an automatic scroll process is executed and a display

region 205 goes over a right tip part of **picture** **text** information 201 by the **scroll** for example, a scroll display is continued for the same display line portion (a right side up hatched portion) of the lateral direction (the main scanning direction) so that a display region 213 synthesizes a left side tip part 217 located at the opposite position. The change of the display line portion in the lateral direction is executed by selecting the up and down key of a direction instructing input section and moving the display location on the information 201.

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11/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06154146 \*\*Image available\*\*  
IMAGE DISPLAY DEVICE

PUB. NO.: 11-095688 [JP 11095688 A]  
PUBLISHED: April 09, 1999 (19990409)  
INVENTOR(s): MENTANI MAKOTO  
FUJITA MASASHI  
OZAWA MASARU  
SUGIMURA TOSHIAKI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT>  
APPL. NO.: 09-259788 [JP 97259788]  
FILED: September 25, 1997 (19970925)  
INTL CLASS: G09F-009/30; G02F-001/13; G09F-009/35; H04N-005/66

#### ABSTRACT

PROBLEM TO BE SOLVED: To make it possible to clearly recognize a display even in a light place and to provide an image display device not requiring a large space.

SOLUTION: This image display device comprises a recording medium screen 2 **scrolled** in one direction in an **image** recognition area, a **write** head 5 and an erase head 7 arranged orthogonal to the scroll direction of this recording medium screen 2 outside of the image recognition region on this recording medium screen 2, and an image signal supplying device 6 supplying image signal to the write head 5. And, this device is configured so that the write head 5 writes an image based on the image signal from the image signal supplying device 6 along with the scroll of the recording medium screen 2, and also the erase head 7 deletes the image written on the recording medium screen 2 along with the scroll of the recording medium screen 2.

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11/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05545946 \*\*Image available\*\*  
IMAGE DISPLAY DEVICE AND METHOD

PUB. NO.: 09-160746 [JP 9160746 A]  
PUBLISHED: June 20, 1997 (19970620)  
INVENTOR(s): OKADA HIROSHI  
APPLICANT(s): SUMITOMO ELECTRIC IND LTD [000213] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-321663 [JP 95321663]  
FILED: December 11, 1995 (19951211)  
INTL CLASS: [6] G06F-003/14; G06F-003/153  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)

ABSTRACT

PROBLEM TO BE SOLVED: To secure an easy-to-see scroll display for user.

SOLUTION: If a request is received to scroll a screen toward an arrow in state (a) where an image A is displayed, an image B existing at the scrolling destination is moved in the scrolling direction (arrow direction) to be put on the image A with the position of the image A kept as it is as shown in (b). The overlapping area of both images A and B is increased with time as shown in (c), and the scrolling operation equivalent to a single screen ends when the image A is completely hidden by the image B. When the scroll input is performed in the state (a), the **scrolling** operation is discontinued while the **image** B is **written** in a RAM. Thus, user can easily see the display of images.

11/5/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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05513131 \*\*Image available\*\*

IMAGE PROCESSING DEVICE

PUB. NO.: 09-127931 [JP 9127931 A]  
PUBLISHED: May 16, 1997 (19970516)  
INVENTOR(s): INOUE NAOYUKI  
APPLICANT(s): FUJITSU GENERAL LTD [000661] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-287040 [JP 95287040]  
FILED: November 06, 1995 (19951106)  
INTL CLASS: [6] G09G-005/34; G09G-005/00  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R138 (APPLIED ELECTRONICS -- Vertical Magnetic & Photomagnetic Recording)

ABSTRACT

PROBLEM TO BE SOLVED: To perform an image scroll display with a few VRAM.

SOLUTION: An original image data Di to be scroll-displayed is written in a first memory part 1. When a scroll display is inputted from an input part 5, a control part 6 reads the data from the first memory part 1, **writes** the first-page **image** data of **scroll** display to a second memory 2, and also writes the second-page image data to a third memory part 3. The written data are successively read and scroll-displayed under the control of a scroll display control part 4. When the scroll display in a set range of the first-page image data of the second memory 2 is ended, the scroll display control part 4 outputs a scroll end signal S1. On receiving the signal S1, the control part 6 starts to write the third-page image data to the ended second memory. When the display of the second-page image data of the third memory part 3 is also ended in a set range, the write of the fourth-page image data is started into the ended range.

11/5/6 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO

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05279275 \*\*Image available\*\*

MUSIC REPRODUCING DEVICE

PUB. NO.: 08-234775 [JP 8234775 A]  
PUBLISHED: September 13, 1996 (19960913)  
INVENTOR(s): YAMADA ATSUSHI  
APPLICANT(s): VICTOR CO OF JAPAN LTD [000432] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-062113 [JP 9562113]  
FILED: February 24, 1995 (19950224)  
INTL CLASS: [6] G10K-015/04; G09G-005/00; G10H-001/00; G10H-001/00

JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment); 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

ABSTRACT

PURPOSE: To provide the music reproducing device which can properly perform fading operation and **scrolling** operation for **text characters** even when the tempo of the music is changed.

CONSTITUTION: To text character information, information on a MIDI clock converted time required from the start to the end of the fading of text characters or information on a MIDI clock converted time required from the start to the end of the **scrolling** of the **text characters** is added, and this device is equipped with a counting part 4 which counts a MIDI clock and a fading quantity and scrolling quantity determination part 5 which determines a fading quantity or scrolling quantity per unit MIDI clock on the basis of the counted value of the counting part 4 and the MIDI clock converted time information; and the fading operation or scrolling operation is performed in synchronism with the MIDI clock.

11/5/7 (Item 7 from file: 347)  
DIALOG(R) File 347: JAPIO  
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05207995 \*\*Image available\*\*  
STILL IMAGE REPRODUCING DEVICE

PUB. NO.: 08-163495 [JP 8163495 A]  
PUBLISHED: June 21, 1996 (19960621)  
INVENTOR(s): TAMURA TOSHIYASU  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 06-304961 [JP 94304961]  
FILED: December 08, 1994 (19941208)  
INTL CLASS: [6] H04N-005/91; H04N-005/92; H04N-007/015  
JAPIO CLASS: 44.6 (COMMUNICATION -- Television)

ABSTRACT

PURPOSE: To provide the still image reproducing device decoding still image data subject to high efficiency compression coding so as to be fidelity with an original image independently of selection of pseudo data at a transmitter side.

CONSTITUTION: The still image reproduction device provided with an expansion means 26 applying expansion processing to still image data comprising the specified number of picture elements and compressed in the unit of blocks, plural memories 27 to 29 storing still image data outputted from the expansion means 26, and a selection means realizing scrolling indication by reading selectively the still image data written in the plural memories 27 to 29 is provided with a control means rewriting the content of the plural memories 27 to 29 by data obtained by applying vertical filtering processing to the still image data read from the plural memories 27 to 29 based on correlation of the data of borders of patterns in the **scroll** display state among the still **image** data **written** in the plural memories 27 to 29.

11/5/8 (Item 8 from file: 347)  
DIALOG(R) File 347: JAPIO  
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04836762 \*\*Image available\*\*  
METHOD FOR SCROLLING PICTURE

PUB. NO.: 07-129362 [JP 7129362 A]  
PUBLISHED: May 19, 1995 (19950519)

INVENTOR(s): IRIUCHIJIMA MASAOKI  
KUROSAWA MAKOTO  
HORII SATOMI  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-301045 [JP 93301045]  
FILED: November 05, 1993 (19931105)  
INTL CLASS: [6] G06F-003/14; G09G-005/34; G09G-005/40  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

#### ABSTRACT

PURPOSE: To quickly execute **scrolling** by erasing a graphic **picture**, **scrolling** only a **text picture** and displaying the graphic picture at the time of stopping scroll instruction.

CONSTITUTION: When an optical key on a keyboard 2 is depressed, whether or not the key corresponds to scrolling is judged. When the key corresponds to scrolling, a movable flag 10A is turned on and whether or not a cursor position is within a display enabled area is judged. When outside the display enabled area, whether or not a graphic picture is erased is judged, and when the picture is not erased, the graphic picture is erased and an erase flag 10B is turned on. If the movable flag 10A is turned on when the key depression corresponding to scrolling is released or when a key other than the key corresponding to scrolling is depressed, whether or not the cursor position is within the display enabled area is judged. When outside the area, a graphic picture is displayed, the erase flag 10B is turned off and the movable flag is also turned off

11/5/9 (Item 9 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04792114 \*\*Image available\*\*  
COMMAND PROCESSOR

PUB. NO.: 07-084714 [JP 7084714 A]  
PUBLISHED: March 31, 1995 (19950331)  
INVENTOR(s): YAMAKITA TORU  
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-185624 [JP 93185624]  
FILED: June 29, 1993 (19930629)  
INTL CLASS: [6] G06F-003/033; G06F-003/03; G06F-003/14; G06T-001/00; H04N-007/18  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 44.6 (COMMUNICATION -- Television); 45.9 (INFORMATION PROCESSING -- Other)  
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD)

#### ABSTRACT

PURPOSE: To provide a command processor in which scroll can be easily attained only by changing the shape of a hand.

CONSTITUTION: Information in a memory 9 is display-outputted through a display memory 10 to a display part 11. On the other hand, the shape of a hand placed on the display part 11 is photographed by a camera 4, recognized as the pattern picture of a hand in each prescribed time by a picture recognizing part 6, and stored in a picture memory 7. A picture processing part 8 recognizes that the pattern picture of a hand stored in the picture memory 7 is an initial pattern picture for a **scroll** command, compares the pattern **pictures** of a hand **written** in the **picture** memory 7, and recognizes to which direction of a horizontal direction and a

vertical direction, and which amounts an index finger moves. Then, the display information of the display part 11 is scrolled only to the index finger moving direction and amounts.

11/5/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

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04732026 \*\*Image available\*\*

DOCUMENT EDITING DEVICE

PUB. NO.: 06-203026 [JP 6203026 A]

PUBLISHED: July 22, 1994 (19940722)

INVENTOR(s): ARISHIMA JIYUNICHI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 04-348822 [JP 92348822]

FILED: December 28, 1992 (19921228)

INTL CLASS: [5] G06F-015/20; G06F-003/14

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.3 (INFORMATION PROCESSING -- Input Output Units)

JAPIO KEYWORD: R108 (INFORMATION PROCESSING -- Speech Recognition & Synthesis)

#### ABSTRACT

PURPOSE: To provide a scroll function for moving instantaneously even a large quantity of documents to a target position, at the time of document editing in which a window of a DTP, etc., becomes a base.

CONSTITUTION: Inputted text information and text information retained in an external storage 16 are displayed on a display device 11. To an arbitrary line of a text displayed on this display device, a jumping point for showing a scroll position is designated by a keyboard 12, etc. Subsequently, the next one word of the jumping point is subjected to icon display as an icon on the display device 11, and by designating a displayed text icon, the scroll is performed instantaneously, and the designated line is displayed.

11/5/11 (Item 11 from file: 347)

DIALOG(R)File 347:JAPIO

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04587158 \*\*Image available\*\*

STILL PICTURE REPRODUCING DEVICE

PUB. NO.: 06-259058 [JP 6259058 A]

PUBLISHED: September 16, 1994 (19940916)

INVENTOR(s): NIITSUMA NORIO

KAWASAKI SHINICHI

APPLICANT(s): FUJITSU GENERAL LTD [000661] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 05-071205 [JP 9371205]

FILED: March 05, 1993 (19930305)

INTL CLASS: [5] G09G-005/34; H04N-005/93

JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 44.6 (COMMUNICATION -- Television)

JOURNAL: Section: P, Section No. 1843, Vol. 18, No. 659, Pg. 15, December 13, 1994 (19941213)

#### ABSTRACT

PURPOSE: To display pictures recorded as three pictures or more scrolling smoothly and continuously without interruption, in a still picture reproducing device.

CONSTITUTION: In a still picture reproducing device which enable continuous scrolling by switching a screen, a host computer 2 reads program data

1 (reproducing control command; defined in a HVC guideline) of a floppy disk 24, while, when the device is controlled according to the reproducing control command, a read roll command of the reproducing control command column is detected, also when the roll command (same parameter) is continued, it is converted to a continuous scrolling command (command not defined in the HVC guideline; for example RCU) of exclusive use for the device, and a first and a second picture processors 13, 14 are controlled according to the reproducing control command including this converted command. Then, the first picture processor 13 taking charge of picture effect controls a screen by the continuous **scrolling** command, while the second **picture** processor 14 **writes** in and reads out first to third picture memories 8-10.

11/5/12 (Item 12 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03946120 \*\*Image available\*\*  
DISPLAY CONTROLLER

PUB. NO.: 04-311220 [JP 4311220 A]  
PUBLISHED: November 04, 1992 (19921104)  
INVENTOR(s): AOKI NAMIO  
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-103413 [JP 91103413]  
FILED: April 09, 1991 (19910409)  
INTL CLASS: [5] G06F-003/14; G09G-005/14; G09G-005/34  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors); R139 (INFORMATION PROCESSING -- Word Processors)  
JOURNAL: Section: P, Section No. 1504, Vol. 17, No. 132, Pg. 124, March 18, 1993 (19930318)

#### ABSTRACT

PURPOSE: To temporarily stop the display of a window while a **text picture** is displayed by continuously **scrolling** the picture.

CONSTITUTION: A CPU 11 displays the displaying content of a text picture by successively moving the content whenever a **scroll** display is instructed to the **text picture**. A window control section 17 displays a window in the text picture. A key repeat detecting section 18 detects the continuous instruction of **scroll** display to the **text picture** when the window is displayed in the text picture. The section 17 erases the window from the **text picture** when the continuous instruction of **scroll** display is detected and restores the window in the text picture when the continuous instruction is not detected.

11/5/13 (Item 13 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03898710 \*\*Image available\*\*  
HANGING SCROLL LINING BASE CLOTH

PUB. NO.: 04-263810 [JP 4263810 A]  
PUBLISHED: September 18, 1992 (19920918)  
INVENTOR(s): ADACHI GENICHI  
APPLICANT(s): ADACHI GENICHI [000000] (An Individual), JP (Japan)  
APPL. NO.: 03-111228 [JP 91111228]  
FILED: February 19, 1991 (19910219)  
INTL CLASS: [5] A47G-001/00  
JAPIO CLASS: 30.3 (MISCELLANEOUS GOODS -- Clothing & Personal Belongings);



30.9 (MISCELLANEOUS GOODS -- Other)  
JOURNAL: Section: C, Section No. 1022, Vol. 17, No. 52, Pg. 75,  
February 02, 1993 (19930202)

#### ABSTRACT

PURPOSE: To shorten the picture mounting period and to simplify the work process by using the hanging lining base cloth, to execute the hanging scroll picture mounting which can be executed even by a beginner, while enjoying pictures and writings by a material which can be obtained easily, for instance, washing paste, a woodworking bond, a veneer, etc., and also, to facilitate screen printing and retouch, and to continue the hanging scroll picture mounting by coloring an inner edge, a pillar and the top and the bottom parts.

CONSTITUTION: A cloth ground of this invention, and a shaft bar (8), a shaft head (10), a decorative part (9), a fixture (12), a string (11) thin cloth (2) or cloth for the top and the bottom (4) are set. According to this hanging scroll manufacture, pictures and writings by screen printing and the hanging scroll picture mounting are continued. The hanging scroll lining base cloth is a cloth which scarcely gets out of shape against a variation of drying and temperature by sticking thin cloth to both faces of laminate lining paper by using a thin yarn count thread exceeding No.45 count yarn and its color is similar to Japanese paper, and it is used for a basic material of the hanging scroll picture mounting. Also, as for pictures and writings of screen printing, the hanging scroll picture mounting can be executed without executing the lining process.

11/5/14 (Item 14 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03778696 \*\*Image available\*\*  
DISPLAY CONTROLLER

PUB. NO.: 04-143796 [JP 4143796 A]  
PUBLISHED: May 18, 1992 (19920518)  
INVENTOR(s): AOKI NORIYUKI  
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-267734 [JP 90267734]  
FILED: October 04, 1990 (19901004)  
INTL CLASS: [5] G09G-005/34; G06F-003/14  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JOURNAL: Section: P, Section No. 1415, Vol. 16, No. 424, Pg. 78,  
September 07, 1992 (19920907)

#### ABSTRACT

PURPOSE: To execute the scroll processing at a high speed by executing only a scroll processing and executing a character display to a null part generated by a scroll at every prescribed time, when a scroll command is inputted.

CONSTITUTION: When a scroll command is inputted, a scroll processing is executed by both of a video RAM 11 and a virtual text buffer 7, and as for a character displayed in a null line generated by the scroll processing, its character code is written in the virtual text buffer 7. Subsequently, in response to a time-up signal at every prescribed time from an interval timer 3, a newly written in the virtual text buffer 7 is converted to a character pattern, and written in the video RAM 11. Accordingly, as for a display device 16, at the time of scroll command, only the scroll processing is executed, and at the time of interruption processing at a prescribed time interval, a character display in a null line is executed. In such a way, the scroll processing can be executed at a high speed.

11/5/15 (Item 15 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03360597 \*\*Image available\*\*  
CHARACTER DISPLAYING SCREEN SCROLL CONTROL DEVICE

PUB. NO.: 03-023497 [JP 3023497 A]  
PUBLISHED: January 31, 1991 (19910131)  
INVENTOR(s): WADA SEIJI  
APPLICANT(s): PFU LTD [366680] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-158001 [JP 89158001]  
FILED: June 20, 1989 (19890620)  
INTL CLASS: [5] G09G-005/34; G06F-003/14; G09G-005/24  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 45.3 (INFORMATION PROCESSING  
-- Input Output Units)  
JOURNAL: Section: P, Section No. 1191, Vol. 15, No. 153, Pg. 25, April  
17, 1991 (19910417)

#### ABSTRACT

PURPOSE: To lighten the burden of CPU or an exclusive word processor and to attain high speed scrolling by providing a video RAM with a larger capacity than a single screen, writing in a character code on a line outside the single screen by the CPU or the exclusive word processor, and allowing hardware to carry out display of one screen including this line.

CONSTITUTION: With the cue of the character code being written in on the line outside of the single screen within the video RAM 1 by the host, the character code for a single screen including this line is read out by a display controlling part 2 and displayed on a displaying screen. Therefore, when scrolling is carried out by the host (the CPU or the exclusive word processor), screen display can be carried out in the condition of **scrolling** only by **writing** in the **character** code on the line which is to be displayed by the video RAM 1 and having this detected by the hardware. Thus, the burden on the host at the time of scrolling can be lightened, and scrolling can be carried out at high speed.

11/5/16 (Item 16 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03313415 \*\*Image available\*\*  
WRITE AND READ METHOD FOR PICTURE MEMORY

PUB. NO.: 02-288915 [JP 2288915 A]  
PUBLISHED: November 28, 1990 (19901128)  
INVENTOR(s): ADACHI JUNICHI  
ARII KOJI  
IIZUKA HIROYUKI  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 01-038604 [JP 8938604]  
FILED: February 17, 1989 (19890217)  
INTL CLASS: [5] G06F-003/14; G06F-012/00; G06F-015/64  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.2  
(INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION  
PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1166, Vol. 15, No. 63, Pg. 129,  
February 14, 1991 (19910214)

#### ABSTRACT

PURPOSE: To smoothly **scroll** a **picture** by **writing** still **picture** data converted to a data sequence in a picture memory and setting a desired read

position (address) at the time of read.

CONSTITUTION: Picture data corresponding two pictures is written as data sequences  $W1=(a(\text{sub } 11), a(\text{sub } 21), a(\text{sub } 31) \text{ to } a(\text{sub } 5251))$  to  $W910=(a(\text{sub } 1910), a(\text{sub } 2910), a(\text{sub } 3910) \text{ to } a(\text{sub } 525910))$  in the longitudinal direction by a longitudinal-direction picture memory write means 4. Data is read as data sequences  $R1=D(a(\text{sub } 11+k), a(\text{sub } 12+k), a(\text{sub } 13+k) \text{ to } a(\text{sub } 1455+k))$  to  $R525=(a(\text{sub } 5251+k), a(\text{sub } 5292+k), a(\text{sub } 5253+k) \text{ to } a(\text{sub } 525455+k))$  in the transverse direction by a transverse-direction picture memory read means 5. K is an integer equal to or smaller than 455. The value of K is increased to 0, 1, 2, 3 or the like by one for each field at the time of reading pictures and is reduced to 455, 454, 453 or the like by one at the time of read to scroll the picture in the horizontal direction. Thus, the picture is smoothly scrolled with a small quantity of picture data

11/5/17 (Item 17 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

03161392 \*\*Image available\*\*  
SCROLL DISPLAY DEVICE

PUB. NO.: 02-136892 [JP 2136892 A]  
PUBLISHED: May 25, 1990 (19900525)  
INVENTOR(s): MIYASHITA MASANOBU  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 63-291673 [JP 88291673]  
FILED: November 18, 1988 (19881118)  
INTL CLASS: [5] G09G-005/34; G09G-005/22  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 45.3 (INFORMATION PROCESSING  
-- Input Output Units)  
JOURNAL: Section: P, Section No. 1090, Vol. 14, No. 369, Pg. 73,  
August 09, 1990 (19900809)

#### ABSTRACT

PURPOSE: To improve the screen scrolling performance of the scroll display device by transferring one frame quantity of character data into a buffer memory after rewriting the character data in a main storage device, and reducing the number of data writing times of a scroll displaying means to the main storage device.

CONSTITUTION: In the first place, character data to be displayed newly are overwritten in the area of a main storage device 1 in which the character data to be erased from a screen by scrolling are stored. When the character data are transferred to a buffer memory 2, the character data are edited to a picture to be scrolled by exchanging the storing area and the frame information in the buffer memory 2 is displayed on a screen. When the number of data writing times to the main storage device 1 is reduced in such way, the **scrolling** performance of a **text picture** can be improved.

11/5/18 (Item 18 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

02970132 \*\*Image available\*\*  
DATA PROCESSOR

PUB. NO.: 01-267732 [JP 1267732 A]  
PUBLISHED: October 25, 1989 (19891025)  
INVENTOR(s): SATOU TOMOTOSHI  
SUZUKI HIROYUKI  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP

(Japan)  
APPL. NO.: 63-097260 [JP 8897260]  
FILED: April 20, 1988 (19880420)  
INTL CLASS: [4] G06F-009/06; G06F-011/28  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)  
JOURNAL: Section: P, Section No. 992, Vol. 14, No. 27, Pg. 136,  
January 19, 1990 (19900119)

#### ABSTRACT

PURPOSE: To improve the operability of an editing work and the preparing efficiency of a program by automatically making a condition into a re-editing (editor) condition, displaying error information on a picture, and moving the whole text, at the time of an error.

CONSTITUTION: When a program.text edit is completed, a compiler 5 is operated, and the existence of the error and an error generating point is detected. When the error is generated, a message to indicate the error line number of a file and error contents is outputted by the line number and the output means of an error message. The condition is returned to the program.text editing condition, the line number and error message are displayed on one window of a display 7, and simultaneously, the **scroll** control of a program. **text** edited **picture** is executed by the line number. Thus, without a necessity to be conscious of a repetition of the editor and compiler, the program can be corrected until the error is eliminated, and the operability of the editing work and the program preparing efficiency can be improved.

11/5/19 (Item 19 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

02969999 \*\*Image available\*\*  
INFORMATION EQUIPMENT

PUB. NO.: 01-267599 [JP 1267599 A]  
PUBLISHED: October 25, 1989 (19891025)  
INVENTOR(s): HIRAI TOSHIHIRO  
YOSHIZAWA ATSUSHI  
HANDA SHUNJI  
APPLICANT(s): SEIKO EPSON CORP [000236] (A Japanese Company or Corporation)  
, JP (Japan)  
APPL. NO.: 63-096219 [JP 8896219]  
FILED: April 19, 1988 (19880419)  
INTL CLASS: [4] G09G-001/00; G06F-003/147; G06F-015/20  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD); R116 (ELECTRONIC MATERIALS -- Light Emitting Diodes, LED)  
JOURNAL: Section: P, Section No. 992, Vol. 14, No. 27, Pg. 93, January 19, 1990 (19900119)

#### ABSTRACT

PURPOSE: To save the space of the title equipment enabling right-left or up-down scrolling operation with one switch or key.

CONSTITUTION: Character information on English words of a document, etc., is read by a sensor 1, a character area is extracted from an obtained image, and equivalents to words obtained by coding respective characters are retrieved and displayed on a display part 7. In this case, when the display contents of necessary information can not be displayed entirely on one display screen, the remaining contents are displayed by a scrolling function. One switch 6 is provided which enables the display contents to be scrolled right and left. This switch 6 provides either a one-push one scroll function or one-push automatic **scroll** function. Then when an end **character** of a **word** is displayed, the **scrolling** is stopped

automatically. Consequently, the space for a equipment which displays much information is saved.

11/5/20 (Item 20 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

02955751 \*\*Image available\*\*  
SEQUENCE DIAL SYSTEM

PUB. NO.: 01-253351 [JP 1253351 A]  
PUBLISHED: October 09, 1989 (19891009)  
INVENTOR(s): SUZUKI SHIGEO  
MIZUSAWA JUNICHI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese  
Company or Corporation), JP (Japan)  
APPL. NO.: 63-080046 [JP 8880046]  
FILED: March 31, 1988 (19880331)  
INTL CLASS: [4] H04M-001/274  
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone)  
JOURNAL: Section: E, Section No. 869, Vol. 14, No. 5, Pg. 144, January  
09, 1989 (19890109)

#### ABSTRACT

PURPOSE: To realize the correct transmission of dial information required for centers access, etc., to a circuit with a simple operation by displaying successively various pieces of information registered in a memory and selecting the proper one of those displayed contents with a key operation of a telephone set.

CONSTITUTION: When a user selects a sequence dial via a key input part 3 of a telephone containing a display, both the dial information and the character information recorded previously in a memory 2 contained in the telephone or a card memory area are displayed on the screen of a display part 4. Then the user operates the part 3 for selection of three actions with push of keys, i.e., 1 is the instruction for connection to a center, 2 is the rewriting of information and 3 is **picture scrolling**. In other words, the user refers to the dial information (b) and the character information (c) displayed at the part 4 and selects said three modes with push of keys of the part 3 in case no corresponding center is displayed. Then the user scrolls the screen to display the corresponding center.

11/5/21 (Item 21 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

02587426 \*\*Image available\*\*  
DATA PROCESSOR

PUB. NO.: 63-204326 [JP 63204326 A]  
PUBLISHED: August 24, 1988 (19880824)  
INVENTOR(s): SATOU TOMOTOSHI  
OSHIBA NOBUHISA  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 62-036707 [JP 8736707]  
FILED: February 19, 1987 (19870219)  
INTL CLASS: [4] G06F-009/06; G06F-011/28  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)  
JOURNAL: Section: P, Section No. 805, Vol. 12, No. 494, Pg. 6,  
December 23, 1988 (19881223)

#### ABSTRACT

PURPOSE: To easily recognize whole structure when a program text is edited, by providing a means which analyzes the hierarchical structure of a

programming language, and a means which displays the layout of the hierarchical structure, and scrolling a picture at every hierarchical unit.

CONSTITUTION: A text data is read in a buffer 17 for the text data from an external memory device 13. Next, the content of the buffer 17 is read in by a structure analysis control part 20, and after the structure being analyzed, the bit of information of analysis is written on a buffer 19 for structure analysis. When a request to display the layout is inputted from a keyboard 16, the content of the buffer 19 for the structure analysis is read, and the structure of a text is layout-displayed, and the movement of a cursor is performed on layout display, then, the **picture** in which the **text** is displayed is **scrolled**. Thus, it is possible to recognize the whole structure easily by displaying the layout.

11/5/22 (Item 22 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01268410 \*\*Image available\*\*  
DISPLAYING DEVICE FOR COMPOSITE PICTURE

PUB. NO.: 58-205810 [JP 58205810 A]  
PUBLISHED: November 30, 1983 (19831130)  
INVENTOR(s): YOSHIMATSU MUTSUO  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 57-089116 [JP 8289116]  
FILED: May 26, 1982 (19820526)  
INTL CLASS: [3] G01C-021/20; G05D-001/02; G09G-001/00  
JAPIO CLASS: 46.1 (INSTRUMENTATION -- Measurement); 22.2 (MACHINERY --  
Mechanism & Transmission); 22.3 (MACHINERY -- Control &  
Regulation); 26.2 (TRANSPORTATION -- Motor Vehicles); 26.9  
(TRANSPORTATION -- Other); 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)  
JOURNAL: Section: P, Section No. 260, Vol. 08, No. 55, Pg. 167, March  
13, 1984 (19840313)

#### ABSTRACT

PURPOSE: To enable the processing regarding a display on a display unit in real time by a method wherein a picture memory including an operational processing circuit such as one independent micro-processor is assigned to one display control function.

CONSTITUTION: When a vehicle advances to the left in a **picture** plane, CPU1 writes data while **scrolling** the picture plane to the right based on data prepared according to an instruction from CPU2. Since the data on coordinates on a display vary as the picture plane is scrolled, they are sent to CPU2 as occasion calls. Receiving these data, CPU2 performs the modification and compensation of a running track, a current position, etc. on the display, and while carrying out the monitoring of the running of the vehicle, aligns the absolute coordinates on the display with those of CPU1. By this method, the display on the picture plane for an operator is processed in real time.

11/5/23 (Item 23 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

00999724 \*\*Image available\*\*  
INPUT DEVICE OF JAPANESE WORD

PUB. NO.: 57-150024 [JP 57150024 A]  
PUBLISHED: September 16, 1982 (19820916)  
INVENTOR(s): MORI SUMIO

APPLICANT(s): FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 56-035913 [JP 8135913]  
FILED: March 12, 1981 (19810312)  
INTL CLASS: [3] G06F-003/02; G06F-015/38  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 30.2 (MISCELLANEOUS GOODS -- Sports & Recreation); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R106 (INFORMATION PROCESSING -- Kanji Information Processing)  
JOURNAL: Section: P, Section No. 161, Vol. 06, No. 252, Pg. 163, December 10, 1982 (19821210)

#### ABSTRACT

PURPOSE: To increase the using efficiency of a system as well as the working efficiency of an operator, by completely separating the process between the input of KANA (Japanese syllabary) and the KANA-Chinese character conversion.

CONSTITUTION: A keyboard 1 can supply the control characters for designation of KANA **letters** and Chinese **characters**, designation of a clause, display **scroll**, deletion/correction, etc. The corresponding characters are supplied in KANA letters through a keyboard 1 based on a Japanese sentence. The code corresponding to input characters, i.e., input data C1 is displayed on a character display 3 such as a liquid crystal display in accordance with the input characters. The data C1 is stored successively into a buffer memory within a controller 2. When this buffer memory is filled with the input data, the data is transferred from the buffer memory to a magnetic recorder 4 to be registered to a magnetic medium 5.

11/5/24 (Item 24 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

00570337 \*\*Image available\*\*  
DISPLAY UNIT

PUB. NO.: 55-057937 [JP 55057937 A]  
PUBLISHED: April 30, 1980 (19800430)  
INVENTOR(s): TOMIOKA MIKIO  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 53-130494 [JP 78130494]  
FILED: October 25, 1978 (19781025)  
INTL CLASS: [3] G06F-003/153; G09G-001/00  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R003 (ELECTRON BEAM); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)  
JOURNAL: Section: P, Section No. 19, Vol. 04, No. 100, Pg. 31, July 18, 1980 (19800718)

#### ABSTRACT

PURPOSE: To make it possible to select freely various display systems by executing an address conversion algorithm between an address in a memory stored with characters to be displayed and a coordinate position on a display screen by a microcomputer.

CONSTITUTION: Characters to be displayed on CRT display unit 7 are sotred in memory 2 and horizontal-vertical cynchronizing signal generating circuit 8 receives a pulse from advance pulse generating circuit 9 and then sends horizontal and vertical deflecting signals to CRT7. Microcomputer 1 consists of I/O 11-15, ROM16, ROM17, and microprocessor 18. Data from address register 3 and memory register 4 ar inputted by way of I/O14 and I/O13 and processor 18 executes an address conversion algorithm stored in ROM16. Changing contents of ROM16 makes it possible to select various display systems, overlap display, longitudinal **write** display, Arabic

character display, space compression memory system, scroll up-down system etc.

11/5/25 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

014168698 \*\*Image available\*\*  
WPI Acc No: 2001-652926/200175  
XRPX Acc No: N01-488369

**Front data production system for internet applications, inserts scroll symbol with written linking information, to transfer display range of inserted cell**

Patent Assignee: SEIKO EPSON CORP (SHIH )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001273072	A	20011005	JP 200087278	A	20000327	200175 B

Priority Applications (No Type Date): JP 200087278 A 20000327

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001273072	A	7	G06F-003/00	

Abstract (Basic): JP 2001273072 A

NOVELTY - A row line insertion unit inserts row and line of a cell at predetermined interval, as input. A symbol insertion unit inserts a scroll symbol with written information, linking adjacent symbols, to transfer to display range of the inserted cell.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Recording medium for storing front data production program;
- (b) Front data production method;
- (c) Front data

USE - For producing front data that is displayed on the browser screens of the internet.

ADVANTAGE - Improves operativity of the browser by, providing symbols with information linking adjacent symbols to transfer the display range of an inserted cell.

DESCRIPTION OF DRAWING(S) - The figure shows a table produced by the front data production system.

pp; 7 DwgNo 1/9

Title Terms: FRONT; DATA; PRODUCE; SYSTEM; APPLY; INSERT; SCROLL; SYMBOL; WRITING; LINK; INFORMATION; TRANSFER; DISPLAY; RANGE; INSERT; CELL

Derwent Class: P85; T01

International Patent Class (Main): G06F-003/00

International Patent Class (Additional): G06F-017/21; G09G-005/22;

G09G-005/34

File Segment: EPI; EngPI

11/5/26 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

014096920 \*\*Image available\*\*  
WPI Acc No: 2001-581134/200165  
XRPX Acc No: N01-432902

**Electronic speech translator has database of animations, images and phonetic spellings and audio database containing segments of environmental sounds associated with words or phrases**

Patent Assignee: INTERACTIVE SOLUTIONS INC (INTE-N)  
Inventor: DORETY M F; GREENE M; GREENE V; NEWMAN H E; YUHAS M J  
Number of Countries: 093 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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WO 200145088 A1 20010621 WO 2000US32452 A 20001212 200165 B  
AU 200119314 A 20010625 AU 200119314 A 20001212 200165

Priority Applications (No Type Date): US 2000610675 A 20000707; US 99171106  
P 19991216

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200145088 A1 E 31 G10L-013/08

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200119314 A G10L-013/08 Based on patent WO 200145088

Abstract (Basic): WO 200145088 A1

NOVELTY - Translator comprises a receiver generating a speech signal in response to speech, a speech-to-text translator (45) and a text-to-speech translator (46). A video display (44) displays text corresponding to the text data stream and an audio output device generates a speech sound simultaneous with text display. A text-to-sign language translator (47) converts the text data stream into a video image of a person using sign language and a text-to-image translator (48) translates words into associated graphical images. Text can be displayed scrolling or static, there are different display windows and the processor has a text-to-phonetic spelling translator (49) and a text-to-audio sound translator (50).

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for (1) a method of translating speech into multiple formats, (2) a method of translating a text data stream into multiple formats.

USE - Translator is for facilitating conversations between normal and hearing-impaired persons.

ADVANTAGE - Translator can be connected to cochlear implants and hearing aids and prevents data overload caused by multiple sounds of varying volumes being introduced to the brain simultaneously.

DESCRIPTION OF DRAWING(S) - The figure shows

video display (44)

speech to text translator (45)

text to speech translator (46)

text to sign language translator (47)

text to image translator (48)

text to phonetic spelling translator (49)

text to audio sound translator (50)

pp; 31 DwgNo 1/6

Title Terms: ELECTRONIC; SPEECH; TRANSLATION; DATABASE; IMAGE; PHONETIC;  
AUDIO; DATABASE; CONTAIN; SEGMENT; ENVIRONMENT; SOUND; ASSOCIATE; WORD;  
PHRASE

Derwent Class: P86; W04

International Patent Class (Main): G10L-013/08

International Patent Class (Additional): G10L-015/26; G10L-021/06

File Segment: EPI; EngPI

11/5/27 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014037832

WPI Acc No: 2001-522045/200157

XRPX Acc No: N01-386912

Developing method for an executable to allow any user to create e.g. a web page without prior computer knowledge scanning an image and identifying a representation of a user interface element included in the scanned image

Patent Assignee: GATEWAY INC (GATE-N)

Inventor: ANDERSON G J

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200148627	A2	20010705	WO 2000IB1856	A	20001212	200157 B
AU 200115458	A	20010709	AU 200115458	A	20001212	200164

Priority Applications (No Type Date): US 99472344 A 19991227

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200148627	A2	E	32 G06F-017/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200115458	A		G06F-017/00	Based on patent WO 200148627
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Abstract (Basic): WO 200148627 A2

NOVELTY - The method involves scanning an image. A representation of a user interface element included in the scanned image is identified. The executable is formatted to include a user interface element corresponding to the identified representation of the user interface element. The user interface element includes at least one of a label, text box, scroll bar, button, group box, slider control, link and predefined element.

The executable is at least one of a web page, form, data entry and manipulation screen, digital photo album, slide show and presentation

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a program of instructions storable on a medium readable by an information handling system, for an information handling system and for a representation of a user interface element.

USE - For design of executables.

ADVANTAGE - Allows user without even fundamental computer knowledge to design and create web pages.

DESCRIPTION OF DRAWING(S) - No drawing copied.

pp; 32 DwgNo 0/8

Title Terms: DEVELOP; METHOD; EXECUTE; ALLOW; USER; WEB; PAGE; PRIOR;  
COMPUTER; SCAN; IMAGE; IDENTIFY; REPRESENT; USER; INTERFACE; ELEMENT;  
SCAN; IMAGE

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

11/5/28 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013980473 \*\*Image available\*\*

WPI Acc No: 2001-464687/200150

XRPX Acc No: N01-344682

Graphic information flow system has control apparatus with display control panel that determines subset elements to be added and subtracted, and which also has alternatives to scroll bars

Patent Assignee: BARROS B L (BARR-I)

Inventor: BARROS B L

Number of Countries: 082 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200108053	A2	20010201	WO 2000US40412	A	20000718	200150 B
AU 200069559	A	20010213	AU 200069559	A	20000718	200150
US 6307573	B1	20011023	US 99359544	A	19990722	200165

Priority Applications (No Type Date): US 99359544 A 19990722

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200108053 A2 E 52 G06F-017/30

Designated States (National): AE AL AU BA BB BG BR CA CN CR CU CZ DM EE  
GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL  
RO SG SI SK TR TT UA US UZ VN YU ZA

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200069559 A G06F-017/30 Based on patent WO 200108053

US 6307573 B1 G06F-003/00

Abstract (Basic): WO 200108053 A2

NOVELTY - A control apparatus includes a display control panel with graphic and text-list selectors that refer to a database (21,22) in response to user events or automatic updating systems, to determine subset elements to be added and subtracted from a visual representation. Alternatives to **scroll** bars enable the **graphic** and **text** -list selectors to be displayed in discrete, layered blocks.

DETAILED DESCRIPTION - The databases and associated software store, organize and retrieve data about elements and their attributes. A display displays the visual representation of selected subset elements for comparison with user-selected subsets and element symbols or images. The control apparatus shows and hides subsets on the visual representation.

USE - For computer controlled graphic display systems.

ADVANTAGE - Provides computer system for navigating through extensive databases of diverse multimedia. Augments current page-to-page world wide web file display metaphor with display logic governed by layering information densely in response to interactive user commands. Provides network-based browsing scheme that provides common layering formats and layout and navigation conventions for simplified orientation and operation. Provides special control apparatus for organizing complex information sets and for user-retrieval of selections as layered or slotted maps and diagrams. Provides annotation mechanisms to display text data and pop-up interactive descriptions about map and diagram objects.

DESCRIPTION OF DRAWING(S) - The figure is the functional block diagram of the graphic information flow system environment.

Database (21,22)

pp; 52 DwgNo 1/11

Title Terms: GRAPHIC; INFORMATION; FLOW; SYSTEM; CONTROL; APPARATUS;  
DISPLAY; CONTROL; PANEL; DETERMINE; SUBSET; ELEMENT; ADD; SUBTRACT;  
ALTERNATIVE; SCROLL; BAR

Derwent Class: T01

International Patent Class (Main): G06F-003/00; G06F-017/30

File Segment: EPI

11/5/29 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013166826 \*\*Image available\*\*

WPI Acc No: 2000-338699/200029

XRPX Acc No: N00-254235

**Scroll type integrally animated graphical element display method involves retrieving ticker objects representing preset static text element, graphical element and animated graphical element, for display in ticker**

Patent Assignee: DESKTOP NEWS (DESK-N)

Inventor: FUSCO P; JONES J A

Number of Countries: 088 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200014686	A1	20000316	WO 99US21209	A	19990909	200029 B
AU 9961464	A	20000327	AU 9961464	A	19990909	200032

Priority Applications (No Type Date): US 9899570 P 19980909

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200014686 A1 E 53 G06T-015/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9961464 A G06T-015/00 Based on patent WO 200014686

Abstract (Basic): WO 200014686 A1

NOVELTY - A buffer with size larger than that of a ticker is allocated. Several **ticker** element objects representing preset static **text** element, static **graphical** element and an animated graphical element, are retrieved for display in the ticker. Arbitrary element objects are mapped to the buffer. Copying is done starting from an offset point of the buffer, into the ticker window.

DETAILED DESCRIPTION - The offset point of a buffer is repositioned based on the ticker scroll speed and direction, thereby producing autonomously scrolling display in the window. Any animated graphical element mapped to the buffer is identified for updating, and a consecutive frame is retrieved for refreshing it with a prior frame. INDEPENDENT CLAIMS are also included for the following:

- (a) scrolling ticker generating method;
- (b) computer program for displaying animated graphical element

USE - For displaying scroll type integrally animated graphical element.

ADVANTAGE - Provides a vertically scrolling ticker in the displayed elements are properly oriented to increase readability and also to properly display text information in languages that are traditionally read vertically. The elements which are displayed within the scrolling ticker may be animated, even as they are scrolled across the ticker window. Data for headlines and graphical information are obtained by externally generated channel data files output by remote data servers via Internet, although headlines may also be generated locally based on local data sources.

DESCRIPTION OF DRAWING(S) - The figure shows flow chart explaining implementation of ticket setup and display routine.

pp; 53 DwgNo 6/7

Title Terms: SCROLL; TYPE; INTEGRAL; ANIMATED; GRAPHICAL; ELEMENT; DISPLAY; METHOD; RETRIEVAL; OBJECT; REPRESENT; PRESET; STATIC; TEXT; ELEMENT; GRAPHICAL; ELEMENT; ANIMATED; GRAPHICAL; ELEMENT; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06T-015/00

File Segment: EPI

11/5/30 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012877164 \*\*Image available\*\*

WPI Acc No: 2000-048997/200004

XRPX Acc No: N00-038367

**Data display control system using scroll function for wordprocessor , graphic processor, information processor, etc - has display control unit which controls scroll velocity of display data based on priority level of each display data stored in importance degree memory unit**

Patent Assignee: CANON KK (CANO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11312038	A	19991109	JP 98132568	A	19980428	200004 B

Priority Applications (No Type Date): JP 98132568 A 19980428

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11312038	A		16	G06F-003/00	

Abstract (Basic): JP 11312038 A

NOVELTY - Degree determining unit (2) determines the priority level of each display data and memory unit (3) stores the determined priority level of display data. Display control unit (4) controls scroll velocity of display data based on the degree of importance when input unit (5) is activated to perform scroll indication. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: data display control procedure; program for data display control

USE - For wordprocessor, graphic processor, information processor employing small display areas.

ADVANTAGE - Since scroll velocity of display data is controlled based on priority level of display data, profile of each data can be understood with ease. Optimum concentration is sufficient for utilizing the data. DESCRIPTION OF DRAWING(S) - The figure shows functional block diagram of components in information processor with data display control system. (2) Degree determining unit; (3) Memory unit; (4) Display control unit; (5) Input unit.

Dwg.1/9

Title Terms: DATA; DISPLAY; CONTROL; SYSTEM; SCROLL; FUNCTION; GRAPHIC; PROCESSOR; INFORMATION; PROCESSOR; DISPLAY; CONTROL; UNIT; CONTROL; SCROLL; VELOCITY; DISPLAY; DATA; BASED; PRIORITY; LEVEL; DISPLAY; DATA; STORAGE; IMPORTANT; DEGREE; MEMORY; UNIT

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/00

File Segment: EPI

11/5/31 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012707586 \*\*Image available\*\*

WPI Acc No: 1999-513695/199943

XRPX Acc No: N99-383334

**Scroll display device of computers - performs automatic scrolling of image or text information along main scanning direction and modifies scroll position or scroll velocity**

Patent Assignee: SANYO ELECTRIC CO LTD (SAOL )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11224082	A	19990817	JP 9825799	A	19980206	199943 B

Priority Applications (No Type Date): JP 9825799 A 19980206

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11224082	A	7	G09G-005/34	

Abstract (Basic): JP 11224082 A

NOVELTY - The image information or text information (201) which is to be displayed is stored in memory. An automatic **scroll** unit **scrolls** the **image** and **text** information on the display screen areas (205,206), along the main scanning direction. A scroll position modification unit modifies the scroll position and changes scroll velocity arbitrarily.

USE - For computers.

ADVANTAGE - Offers automatic scroll process and thereby eliminates complicated scroll process. Enables user to select scroll velocity and thereby eliminates unpleasant feeling of fast scrolling or slow scrolling. DESCRIPTION OF DRAWING(S) - The figure shows the model diagram of horizontal scroll process. (201) Text information; (205,206) Display screen areas.

Dwg.2/6

Title Terms: SCROLL; DISPLAY; DEVICE; COMPUTER; PERFORMANCE; AUTOMATIC; SCROLL; IMAGE; TEXT; INFORMATION; MAIN; SCAN; DIRECTION; MODIFIED; SCROLL ; POSITION; SCROLL; VELOCITY

Derwent Class: P85; T01  
International Patent Class (Main): G09G-005/34  
International Patent Class (Additional): G06F-003/00; G09G-005/36  
File Segment: EPI; EngPI

**11/5/32 (Item 8 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
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012457167 \*\*Image available\*\*  
WPI Acc No: 1999-263275/199922  
XRPX Acc No: N99-196094

**Graphical user interface used in computer network**  
Patent Assignee: INTEL CORP (ITLC )  
Inventor: NEEDHAM B H  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5894305	A	19990413	US 97814578	A	19970310	199922 B

Priority Applications (No Type Date): US 97814578 A 19970310

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5894305	A	15	G06F-003/00	

Abstract (Basic): US 5894305 A

NOVELTY - A **scrolling** linear list (610) displays **graphical** and **text** messages generated by clients connected to a data distribution system in the order in which the messages are received. The graphical messages have corresponding identifiers for identifying the clients

DETAILED DESCRIPTION - Graphical message currently generated by a client executing the GUI (600) is displayed in an area (630), and the text message is displayed in another area (640). A scroll bar (620) allows a user to scroll the scrolling linear list. The data distribution system distributes data using a unicast protocol and multicast protocol. INDEPENDENT CLAIMS are also included for the following:

(a) a method for configuring a graphical user interface for displaying graphical messages;

(b) a computer readable medium.

USE - In computer network.

ADVANTAGE - Allows user to select locations where the graphical messages are displayed.

DESCRIPTION OF DRAWING(S) - The figure shows graphical user interface.

GUI (600)

Scrolling linear list (610)

Scroll bar (620)

Areas( (630,640)

pp; 15 DwgNo 6/8

Title Terms: GRAPHICAL; USER; INTERFACE; COMPUTER; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

**11/5/33 (Item 9 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
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012249792 \*\*Image available\*\*  
WPI Acc No: 1999-055899/199905  
XRPX Acc No: N99-042425

**Document processing apparatus - has editing function unit to operate on the data of the edit buffer to form a character information**

Patent Assignee: AROARO INT YG (AROA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10307927	A	19981117	JP 97118229	A	19970508	199905 B

Priority Applications (No Type Date): JP 97118229 A 19970508

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10307927	A		14	G06T-011/60	

Abstract (Basic): JP 10307927 A

The apparatus consists of a keyboard (17) and a mouse device (19) to input the letter symbol. A scroll function unit (22) regulates an edit window and a filter (24) extracts the particular file from a main memory and is stored in an edit buffer (25).

An editing function unit (21) operates the data of the edit buffer to form a character information record (32). A display means displays the letter symbol on the screen according to the contents of the memory.

ADVANTAGE - Works as common platform for different systems.

Dwg.1/35

Title Terms: DOCUMENT; PROCESS; APPARATUS; EDIT; FUNCTION; UNIT; OPERATE; DATA; EDIT; BUFFER; FORM; CHARACTER; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06T-011/60

International Patent Class (Additional): G06F-017/21

File Segment: EPI

11/5/34 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012041430 \*\*Image available\*\*

WPI Acc No: 1998-458340/199840

XRPX Acc No: N98-357844

Visual display of electronic text and pictures - has two display panels hinged together and used as a book with page information on each one

Patent Assignee: ECKERLEIN A R (ECKE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29805418	U1	19980827	DE 98U2005418	U	19980325	199840 B

Priority Applications (No Type Date): DE 98U2005418 U 19980325

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 29805418	U1		14	G06F-003/14	

Abstract (Basic): DE 29805418 U

The visual display consists of two display panels [3, 4] that are hinged together [5] such that when in use can be positioned to suit the user in the manner of a book. When not in use the unit can be closed with the screens face to face. Each unit has operator keys [6-9] that allow fast sideways scrolling of text and graphics in the way a book would be used.

USE - Display of electronic text, pictures and graphics.

ADVANTAGE - Can be used as an electronic book.

Dwg.1/3

Title Terms: VISUAL; DISPLAY; ELECTRONIC; TEXT; PICTURE; TWO; DISPLAY; PANEL; HINGE; BOOK; PAGE; INFORMATION; ONE

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/14

File Segment: EPI

11/5/35 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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011997412     \*\*Image available\*\*  
WPI Acc No: 1998-414322/199835  
XRPX Acc No: N98-322437

**Sensory communication appts. e.g. for use by blind people - includes central processing unit with data store, controller for output of data from store to output processor and output element with tactile sensor units connected to receive data from processor so output can be determined by touch**

Patent Assignee: NISSEN J C D (NISS-I)  
Inventor: NISSEN J C D  
Number of Countries: 080    Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9832112	A1	19980723	WO 98GB162	A	19980119	199835    B
AU 9856723	A	19980807	AU 9856723	A	19980119	199901
EP 917699	A1	19990526	EP 98900916	A	19980119	199925
			WO 98GB162	A	19980119	

Priority Applications (No Type Date): GB 971102 A 19970120

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9832112	A1	E	22	G09B-021/00	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 9856723	A			G09B-021/00	Based on patent WO 9832112
EP 917699	A1	E		G09B-021/00	Based on patent WO 9832112
Designated States (Regional): AT BE CH DE DK ES FI FR GB IE IT LI NL SE					

Abstract (Basic): WO 9832112 A

The communication appts. includes a central processing unit with a data store, an output processor and an element for controlling the output of data from the data store to the output processor. An output element is connected to receive data from the processor. The output element is responsive to the output data whereby the output of the computer can be determined by one or more of the user's senses of touch, sound or sight.

The element for controlling the output of the data store comprises a pointing device. The output element includes tactile elements in the form of pins, each having associated with it an electro-mechanical transducer. The pins are also associated with respective switches which are connected through an input processor to the central processing unit.

USE - For **dynamic display** to blind person of **textual** and **graphical** information.

ADVANTAGE - Makes maps accessible for blind people.

Dwg.1/6

Title Terms: SENSE; COMMUNICATE; APPARATUS; BLIND; PEOPLE; CENTRAL; PROCESS  
; UNIT; DATA; STORAGE; CONTROL; OUTPUT; DATA; STORAGE; OUTPUT; PROCESSOR;  
OUTPUT; ELEMENT; TACTILE; SENSE; UNIT; CONNECT; RECEIVE; DATA; PROCESSOR;  
SO; OUTPUT; CAN; DETERMINE; TOUCH

Derwent Class: P85; S05; T01; T04

International Patent Class (Main): G09B-021/00

International Patent Class (Additional): G06F-003/00

File Segment: EPI; EngPI

11/5/36     (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011693905    \*\*Image available\*\*  
WPI Acc No: 1998-110815/199810  
XRPX Acc No: N98-088643

**Program modules and parameter files in computer network system - in which  
text image is scrolled at granularity defined by characters  
contained in text image generated from text -based file**  
Patent Assignee: SOFMAP FUTURE DESIGN CO LTD (SOFM-N); SOFMAP FUTURE DESIGN  
INC (SOFM-N)

Inventor: NAKAJIMA I; SHOJI W; TABUCHI D  
Number of Countries: 006    Number of Patents: 008  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9802823	A2	19980122	WO 97JP2435	A	19970714	199810    B
US 5764908	A	19980609	US 96680722	A	19960712	199830
US 5877761	A	19990302	US 96680049	A	19960712	199916
EP 912931	A2	19990506	EP 97930784	A	19970714	199922
			WO 97JP2435	A	19970714	
US 5974469	A	19991026	US 96679202	A	19960712	199952
US 6011549	A	20000104	US 96680049	A	19960712	200008
			US 98128054	A	19980803	
US 6031527	A	20000229	US 96679055	A	19960712	200018
JP 2001506020	W	20010508	WO 97JP2435	A	19970714	200131
			JP 98505853	A	19970714	

Priority Applications (No Type Date): US 96680722 A 19960712; US 96679055 A  
19960712; US 96679202 A 19960712; US 96680049 A 19960712; US 98128054 A  
19980803

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9802823	A2	E 80	G06F-015/16	
			Designated States (National): CN JP KR	
			Designated States (Regional): DE GB	
US 5764908	A		G06F-015/16	
US 5877761	A		G06F-003/14	
EP 912931	A2	E	G06F-009/44	Based on patent WO 9802823
			Designated States (Regional): DE GB	
US 5974469	A		G06F-009/44	
US 6011549	A		G06F-003/14	Cont of application US 96680049 Cont of patent US 5877761
US 6031527	A		G06F-015/00	
JP 2001506020	W	86	G06F-015/177	Based on patent WO 9802823

Abstract (Basic): WO 9802823 A

The computer network system provides **scrolling** for a **text image** and includes a programming architecture to a digital data network, in which applications are formed from special program modules, or 'cells', which do not follow hierarchical programming structure.

Multimedia files used in the cells, which are programming modules used in developing applications and having a specialised structure, can be obtained from other computers connected to the data network.

USE - Enabling user to **scroll text image** containing **characters** generated by computer system from text file, to facilitate interactive user access to Internet.

ADVANTAGE - Increased number of multimedia files that can be used in applications.

Dwg.1/24

Title Terms: PROGRAM; MODULE; PARAMETER; FILE; COMPUTER; NETWORK; SYSTEM;  
TEXT; IMAGE; SCROLL; GRANULE; DEFINE; CHARACTER; CONTAIN; TEXT; IMAGE;  
GENERATE; TEXT; BASED; FILE

Derwent Class: P85; T01

International Patent Class (Main): G06F-003/14; G06F-009/44; G06F-015/00;  
G06F-015/16; G06F-015/177

International Patent Class (Additional): G06F-009/46; G06F-013/00;  
G09G-001/16; G09G-005/14

File Segment: EPI; EngPI

11/5/37 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011681173 \*\*Image available\*\*  
WPI Acc No: 1998-098082/199809  
XRPX Acc No: N98-078982

**FM multiplexed text broadcasting receiver with data radio channel  
reception function - has display controller that limits header sentence  
to only one page after character data of pages has been identified**

Patent Assignee: KENWOOD CORP (TRIR )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9326714	A	19971216	JP 96163661	A	19960605	199809 B

Priority Applications (No Type Date): JP 96163661 A 19960605

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9326714	A	5	H04B-001/16	

Abstract (Basic): JP 9326714 A

The receiver includes a display unit which displays a character data of one line. The data consists of a header sentence and a **text** . Every one line **character** data is **scroll** displayed by a scroll display indication unit (4).

The received character data page is identified by a page identification unit. When the page is identified, the header sentence in the pages is displayed for one page, by a display controller.

ADVANTAGE - Improves operativity. Enables to recognize content of display. Eliminates trouble in sense of vision.

Dwg.1/4

Title Terms: FM; MULTIPLEX; TEXT; BROADCAST; RECEIVE; DATA; RADIO; CHANNEL; RECEPTION; FUNCTION; DISPLAY; CONTROL; LIMIT; HEADER; SENTENCE; ONE; PAGE ; AFTER; CHARACTER; DATA; PAGE; IDENTIFY

Derwent Class: W03

International Patent Class (Main): H04B-001/16

File Segment: EPI

11/5/38 (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010656369 \*\*Image available\*\*  
WPI Acc No: 1996-153322/199616  
XRPX Acc No: N96-128791

**Switch selection controller for telephone handset or radio pager -  
detects depression of switch, displays associated data, and scrolls  
display at intervals when depression of switch is detected**

Patent Assignee: NEC CORP (NIDE )  
Inventor: FUJITA A  
Number of Countries: 002 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2293474	A	19960327	GB 9518752	A	19950913	199616 B
JP 8083141	A	19960326	JP 94218482	A	19940913	199622
GB 2293474	B	19980916	GB 9518752	A	19950913	199839

Priority Applications (No Type Date): JP 94218482 A 19940913

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2293474	A	37	H03M-011/00	
JP 8083141	A	11	G06F-003/023	
GB 2293474	B		H03M-011/00	

Abstract (Basic): GB 2293474 A

Data including **letters** , numerals and **characters** are sequentially **scrolled** on a display (21). When a switch (24) is depressed, the scrolling is interrupted, and then the data being displayed is fixed. Conveniently, the scrolling can take place at a high speed first and then changed to a low speed in response to the operation of the switch.

The data being display may be caused to blink or flash for confirmation purposes. The operation is controlled by a control circuit (15) with associated timers (22,23), counter (14) and clocks (11,12).

ADVANTAGE - Does not need extra pushbuttons, or combination of buttons to operate.

Dwg.2/8

Title Terms: SWITCH; SELECT; CONTROL; TELEPHONE; HANDSET; RADIO; PAGE; DETECT; DEPRESS; SWITCH; DISPLAY; ASSOCIATE; DATA; SCROLL; DISPLAY; INTERVAL; DEPRESS; SWITCH; DETECT

Derwent Class: U21; W01

International Patent Class (Main): G06F-003/023; H03M-011/00

International Patent Class (Additional): H03M-011/04; H04M-001/00;

H04M-001/274; H04Q-007/14; H04Q-007/32

File Segment: EPI

11/5/39 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010634180 \*\*Image available\*\*

WPI Acc No: 1996-131133/199614

XRPX Acc No: N96-110225

**Television receiver text broadcast decoding appts. - stores text-broadcast information in character block for converting full-screen still-image into scrollable image and a scrollable display portion, based on presentable image conversion table**

Patent Assignee: SHARP KK (SHAF )

Inventor: MITANI K

Number of Countries: 006 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 700211	A2	19960306	EP 95304296	A	19950620	199614 B
JP 8107552	A	19960423	JP 958067	A	19950123	199626

Priority Applications (No Type Date): JP 958067 A 19950123; JP 94188306 A 19940810

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 700211	A2	E	61	H04N-007/087	
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Designated States (Regional): DE ES FR GB IT

JP 8107552	A	44	H04N-007/025	
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Abstract (Basic): EP 700211 A

The text broadcasting decoding appts. receives and decodes broadcast information consisting of text, graphics and additional sound. The information is superimposed on unused lines in an ordinary television video signal transmitted during vertical blanking periods.

A presentable image conversion table in memory (7b) stores the text-broadcast information in a unit of character blocks for converting a full-screen still-image into a scrollable image and a scrollable display portion (2a). Based on the presentable image conversion table, a sequence of character images is displayed and scrolled.

ADVANTAGE - Converts full size still image into scrollable image and **scrolling** display of still **image** without **text** breakage, assuring text broadcast and teletext information is received while viewing television picture on screen of television set.

Dwg.12/35

Title Terms: TELEVISION; RECEIVE; TEXT; BROADCAST; DECODE; APPARATUS; STORAGE; TEXT; BROADCAST; INFORMATION; CHARACTER; BLOCK; CONVERT; FULL;

SCREEN; STILL; IMAGE; IMAGE; DISPLAY; PORTION; BASED; IMAGE; CONVERT;  
TABLE

Index Terms/Additional Words: TV

Derwent Class: T01; U21; W03

International Patent Class (Main): H04N-007/025; H04N-007/087

International Patent Class (Additional): H04N-005/445; H04N-007/03;

H04N-007/035

File Segment: EPI

11/5/40 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008373603 \*\*Image available\*\*

WPI Acc No: 1990-260604/199034

XRPX Acc No: N90-201887

**Word processor for simultaneous display and scroll of documents -  
displays content of each text in scrolling manner for desired number of  
characters from start of text in combination with title**

Patent Assignee: CANON KK (CANO )

Inventor: SUGITANI K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4947370	A	19900807	US 89320874	A	19890310	199034 B

Priority Applications (No Type Date): JP 82166684 A 19820927

Abstract (Basic): US 4947370 A

An input unit has a recall instruction device for generating an instruction for recalling documents and title corresponding to each of the documents from a memory and a scroll instruction device for generating a scroll instruction for scrolling the documents recalled by the recall instruction device. A recall control device is responsive to an instruction generated by the recall instruction device for recalling from the memory a portion of each of the documents and the title corresponding to each of the documents. A second memory serves for storing the documents and the title corresponding to each of the documents recalled by the recall control device.

A display device simultaneously displays the documents and the title corresponding to each of the documents read out from the second memory. A scroll control device is responsive to an instruction generated by the scroll instruction device for simultaneously scrolling to another new portion of the documents succeeding the portion of the documents as initially displayed by the display device.

ADVANTAGE - Operator can compare and make distinction easily between contents of different texts. (11pp Dwg.No.3/6)

Title Terms: WORD; PROCESSOR; SIMULTANEOUS; DISPLAY; SCROLL; DOCUMENT;

DISPLAY; CONTENT; TEXT; SCROLL; MANNER; NUMBER; CHARACTER; START; TEXT;

COMBINATION; TITLE

Derwent Class: T01

International Patent Class (Additional): G06F-003/15

File Segment: EPI

11/5/41 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008197946 \*\*Image available\*\*

WPI Acc No: 1990-084947/199012

**Text entry display for Japanese word processor for document editing -  
converts non-defined text into form compatible with existing text using  
processor with detection, storage and scroll elements**

Patent Assignee: SHARP KK (SHAF )

Inventor: FUJIMURA S; HARADA S; NAGAYA T; NAKANE F; TAKIGUCHI Y; YAMAMOTO Y

Number of Countries: 003 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 359110	A	19900321	EP 89116460	A	19890906	199012 B
US 5084820	A	19920128	US 89403384	A	19890906	199207
EP 359110	A3	19921230	EP 89116460	A	19890906	199345
EP 359110	B1	19960612	EP 89116460	A	19890906	199628
DE 68926646	E	19960718	DE 626646	A	19890906	199634
			EP 89116460	A	19890906	

Priority Applications (No Type Date): JP 88223191 A 19880906

Cited Patents: No-SR.Pub; EP 62121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 359110	A	E	10		
EP 359110	B1	E	10	G06F-017/28	
Designated States (Regional): DE GB					
DE 68926646	E			G06F-017/28	Based on patent EP 359110

Abstract (Basic): EP 359110 A

An entry character display processor (4), detects (4a) the received non-defined text, for storage (4b). The position of a cursor is detected (4c), and the cursor moves right each time a character is entered. The processor finally scrolls (4d) the test characters in a line horizontally towards the left in response to the insertion of non-defined text. A CRT displays the received non-defined text in a line in which the cursor is positioned so that non-defined characters are displayed sequentially to the right until the cursor moves to the right end of the line.

The whole line is shifted left as the non-defined characters are inserted from the left of the cursor. The characters at the left end of the line disappear off the display and all the non-defined text remains on the display.

ADVANTAGE - Improved display of entered text with fast response.  
Improved operability and ease of text insertion and editing on screen.  
(10pp Dwg.No.1/3)

Title Terms: TEXT; ENTER; DISPLAY; JAPAN; WORD; PROCESSOR; DOCUMENT; EDIT;  
CONVERT; NON; DEFINE; TEXT; FORM; COMPATIBLE; EXIST; TEXT; PROCESSOR;  
DETECT; STORAGE; SCROLL; ELEMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/28

International Patent Class (Additional): G06F-015/20

File Segment: EPI

11/5/42 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

003353295

WPI Acc No: 1982-L1317E/198234

**Word processing system - has storage for words each comprising  
character line data and scroll value upon which sequence of raster  
lines is based**

Patent Assignee: SYNTREX INC (SYNT-N)

Inventor: HALEY C B; JONES R E; RATCLIFFE D J; SHEVRIN P

Number of Countries: 012 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 58011	A	19820818	EP 82300386	A	19820126	198234 B
US 4435776	A	19840306	US 81228904	A	19810127	198412
EP 58011	B	19861126				198648
DE 3274505	G	19870115				198703

Priority Applications (No Type Date): US 81228904 A 19810127

Cited Patents: 1.Jnl.Ref; BE 884965; EP 4554; No-SR.Pub; US 3988728; US  
4197534

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 58011	A	E	54		
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

EP 58011	B	E			
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

Abstract (Basic): EP 58011 A

The system includes a memory for storing a number of words each containing character line data, a character generator is inclined for converting the character line data into a sequence of raster line data, and a monitor for converting the raster line data into physical raster lines for display. The storage has a scroll value coupled to each of the words and a control is responsive to the scroll value to vary the sequence of raster line data.

This provides soft scrolling in a simple and flexible manner in which the characters or raster lines appear to smoothly move across the screen of the display. The scrolling rate is also easily controlled.

Title Terms: WORD; PROCESS; SYSTEM; STORAGE; WORD; COMPRISE; CHARACTER;

LINE; DATA; SCROLL; VALUE; SEQUENCE; RASTER; LINE; BASED

Derwent Class: P85; T04

International Patent Class (Additional): G06F-003/02; G09G-001/16

File Segment: EPI; EngPI

File 348:EUROPEAN PATENTS 1978-2001/DEC W02

(c) 2001 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020103,UT=20011227

(c) 2002 WIPO/Univentio

Set	Items	Description
S1	475150	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	12661	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	288485	TEXT OR TEXTS OR TEXTUAL? OR WORD? OR NEWS OR QUOTE OR QUO- TES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	890491	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	106437	S4(3N) (TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W) (TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	18508	S4(3N) (CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	214642	TICKER? OR SCROLL? OR TELEGRAPH?(2N) (INSTRUMENT? OR RECEIV- ER?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR CRAWL? OR NEWS CRAWL? OR TEXTSCOLL? OR NEWSROLL?
S8	23741	S1-S2(10N) (STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	20244	S1-S2(5N)S3
S10	831	S9(S)S5-S6
S11	147	S10(S)S7
S12	10	S10(S)S8
S13	77	S10(S)S7(5N)S1-S2
S14	5	S13 AND (S7(5N)S1-S2)/TI,AB
S15	15	S12 OR S14

15/5,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01305637

System for interactive chat without a keyboard

System zur interaktiven Online Unterhaltung ohne Verwendung einer Tastatur

Systeme pour une conversation en ligne interactive sans l'utilisation d'un  
clavier

PATENT ASSIGNEE:

Webtv Networks, Inc., (2302175), 1065 La Avenida Avenue, Mountain View,  
CA 94043, (US), (Applicant designated States: all)

INVENTOR:

Zenith, Steven Ericsson, 1249 Lakeside Drive apartment 3046, Sunnyvale  
California 94086, (US)

LEGAL REPRESENTATIVE:

Belcher, Simon James (58311), Urquhart-Dykes & Lord Tower House Merrion  
Way, Leeds LS2 8PA, (GB)

PATENT (CC, No, Kind, Date): EP 1119192 A2 010725 (Basic)

APPLICATION (CC, No, Date): EP 2000311106 001213;

PRIORITY (CC, No, Date): US 461564 991214

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT EP 1119192 A2

A user interface device has a graphical user interface that can  
simultaneously display a combination of television and related  
Internet content, along with predetermined responses to the television or  
video content. The predetermined responses may offer a set of choices,  
and selecting one of the choices results in sending the chosen response  
to a chat room to be added to the chat stream. Selecting a choice may  
alternatively cause a second set of responses to be displayed, the second  
set corresponding to the choice that was selected. The predetermined  
responses may be standardized responses that are broadcast to many user  
interface devices, or the predetermined responses may be customized

responses input by the user. Alternatively, the user may define a profile that provides a subset of the available predetermined responses, the subset having a particular style selected by the viewer. The predetermined responses may take the form of **text** communications, static or **dynamic graphic icons**, audio or video. Having the predetermined responses available allows for interactive communication without the need for a keyboard to type in responses.

ABSTRACT WORD COUNT: 178

NOTE:

Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010725 A2 Published application without search report  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200130	557
SPEC A	(English)	200130	3712
Total word count - document A			4269
Total word count - document B			0
Total word count - documents A + B			4269

...ABSTRACT A2

A user interface device has a graphical user interface that can **simultaneously display** a **combination** of television and related Internet content, along with predetermined responses to the television or video...

...a particular style selected by the viewer. The predetermined responses may take the form of **text** communications, static or **dynamic graphic icons**, audio or video. Having the predetermined responses available allows for interactive communication without the need...

15/5,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01240646

Method and apparatus for navigation through multimedia presentations  
Verfahren und Vorrichtung zum Navigieren durch Multimediaprasentationen  
Procede et dispositif de navigation dans des presentations multimedia  
PATENT ASSIGNEE:

DEUTSCHE THOMSON-BRANDT GMBH, (473916), Hermann-Schwer-Strasse 3, 78048  
Villingen-Schwenningen, (DE), (Applicant designated States: all)

INVENTOR:

Herpel, Carsten, Grosse Barlinge 61, 30171 Hannover, (DE)

LEGAL REPRESENTATIVE:

Hartnack, Wolfgang, Dipl.-Ing. (78102), Deutsche Thomson-Brandt GmbH

European Patent Operations Karl-Wiechert-Allee 74, 30625 Hannover, (DE)

PATENT (CC, No, Kind, Date): EP 1073270 A1 010131 (Basic)

APPLICATION (CC, No, Date): EP 99114964 990730;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-005/445; H04N-005/45

ABSTRACT EP 1073270 A1

Current multimedia applications assume that the human user can exploit visual information originating from semantically independent sources. This motivates the design of devices providing picture-in-picture information, navigation interfaces, which are known as electronic program guides in the television domain, etc. The use of audio information in such multimedia applications is constrained to making available the audio signal of the main presentation or the audio signal of the currently selected item in a navigation interface. According to the invention a plurality of corresponding audio signals is reproduced, wherein said reproduced audio signals correspond to those multimedia presentations



that are currently in the focus of attention of a navigation control device or a user.

ABSTRACT WORD COUNT: 113

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010131 A1 Published application with search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200105	528
SPEC A	(English)	200105	2511
Total word count - document A			3039
Total word count - document B			0
Total word count - documents A + B			3039

...SPECIFICATION exploit visual information originating from semantically independent sources. This motivates the design of devices providing **picture -in- picture** information, **news** tickers, **stock** tickers or **banner** advertisements alongside a main presentation. Furthermore, navigation interfaces **concurrently display** a set of representations of multiple multimedia presentations as the basis for the choice of...

15/5,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01083059

System and method for selecting and accessing portions of information streams from a television

System und Verfahren in einem Fernsehgerät zur Auswahl von und zum Zugriff auf Teilstücke von Informationsströmen

Systeme et methode pour selectionner et acceder a des portions de flux de donnees d'une television

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US); (Applicant designated States: all)

INVENTOR:

Chen, Jeane, 9 Brittany Court, Chappaqua, NY 10514, (US)

Janniello, James P., 41 Ashton Road, Stamford, CT 06905, (US)

Pence, William Edward, 10 Waterside Plaza, Apt. 17B, New York, NY 10010, (US)

Yeo, Boon-Lock, 969 Sutter Avenue, Sunnyvale, CA 94086, (US)

LEGAL REPRESENTATIVE:

Zerbi, Guido Maria (77893), Intellectual Property Department, IBM United Kingdom Ltd., Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 952732 A2 991027 (Basic)

EP 952732 A3 011004

APPLICATION (CC, No, Date): EP 99302915 990415;

PRIORITY (CC, No, Date): US 63803 980421

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/16; H04N-005/44

ABSTRACT EP 952732 A2

An improved television is capable of demultiplexing, selecting and distributing information streams of different types of information to the television and to one or more television companion devices (TCDs). The television has a television antenna for receiving a broadcast signal having one or more types of information. Each information type has one or more segments. The television further has a transmitter for transmitting a communication signal to one or more television companion devices. The types of information can include any one or more of the following: a video channel, an audio channel, a data channel, one or more graphical images, and/or one or more animated images. The segments can include any

one or more of the following: an audio clip or audio program, a video segment or video program, a still image, animation, **graphics**, 3D **images**, and/or a **stream** of text. The television communicates with the TCDs via a communication link. When the television communicates with the TCDs, it embeds an address into the message which identifies one or more of the TCDs to be the recipient of the message. Information streams and segments which are to be cutput by the television and/or one or more TCDs are selected by a selector that selects two or more segments from one or more of the types of information where one or more of the segments is displayed, e.g. on the television, and one or more of the segments are transmitted to one or more television, companion devices. In an alternative embodiment, if the automatic selection of information is desired, a Profile Subsystem which contains a profile of profile items in a database of information of interest to the viewer will control selection of one or more of the segments if the segments contain one or more profile items.

ABSTRACT WORD COUNT: 298

NOTE:

Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 011004 A2 International Patent Classification changed:  
20010816

Application: 991027 A2 Published application without search report

Examination: 011219 A2 Date of request for examination: 20011022

Search Report: 011004 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9943	755
SPEC A	(English)	9943	7260
Total word count - document A			8015
Total word count - document B			0
Total word count - documents A + B			8015

...ABSTRACT audio clip or audio program, a video segment or video program, a still image, animation, **graphics**, 3D **images**, and/or a **stream** of text. The television communicates with the TCDs via a communication link. When the television...

...SPECIFICATION signal consisting of one or more video channels and one or more types of information **streams** including audio, data, **text** and **graphics** and which outputs one or more of these streams.  
The signals output on a television...

15/5,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00992924

Fibre optic routing board and connector therefore

Faseroptische Verteilerkarte und Stecker dafur

Carte d'acheminement de fibres optiques et connecteur correspondant

PATENT ASSIGNEE:

W.L. GORE & ASSOCIATES GmbH, (517036), Hermann-Oberth-Strasse 22, 85640

Putzbrunn, (DE), (applicant designated states:

AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Schricker, Ulrich, Am Kreuzacker 13, 91154 Roth, (DE)

LEGAL REPRESENTATIVE:

Harrison, Robert John (74513), W.L. Gore & Associates GmbH,

Hermann-Oberth-Strasse 22, 85640 Putzbrunn, (DE)

PATENT (CC, No, Kind, Date): EP 898188 A1 990224 (Basic)

APPLICATION (CC, No, Date): EP 97114023 970814;

PRIORITY (CC, No, Date): EP 97114023 970814

DESIGNATED STATES: BE; DE; ES; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: G02B-006/44; G02B-006/43; B29D-011/00;

ABSTRACT EP 898188 A1

The invention relates to a fibre optic routing board for routing a plurality of fibre optic cables (12). The fibre optic routing board is provided with one or more optical conductors (10) disposed between a first lower laminate layer (20a) and a first upper laminate layer (20) the one or more optical conductors being connected to at least one of the optical fibres in the plurality of fibre optic cables, wherein at least one of the first lower laminate layer or the first upper laminate layer is so constructed that it attaches at least one of a jacket (40) over a first distance (C,D). Advantageously, the fibre optic routing board additionally comprises a second laminate layer positioned between the first upper or lower laminate layer and the optical conductors. The use of a two layer laminate allows each of the laminate layers to have different properties. Thus one layer might reduce transverse stresses on the connecting element and enclosed optical fibre whilst another layer might reduce longitudinal stresses on the connecting element and enclosed optical fibre.

ABSTRACT WORD COUNT: 177

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 990224 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 990224 A1 Date of filing of request for examination:  
980612

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9907	595
SPEC A	(English)	9907	3121
Total word count - document A			3716
Total word count - document B			0
Total word count - documents A + B			3716

...SPECIFICATION first laminate layer 20 is preferably made from two polymer layers 22 and 26 laminated **together** as is **shown** in Fig. 5. A first one 22 of the two polymer layers is preferably a...

...from expanded polytetrafluoroethylene (ePTFE) such as that obtainable from W.L.Gore & Associates under the **trade mark** GORE- **TEXT** (R). In the preferred embodiment of the invention, the ePTFE has a density between 0...

15/5,K/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00862557

GENERATION SUBTITLES OR CAPTIONS FOR MOVING PICTURES

PRODUCTION DE SOUS-TITRES OU DE LEGENDES POUR IMAGES ANIMEES

Patent Applicant/Assignee:

BRITISH BROADCASTING CORPORATION, Broadcasting House, London W1A 1AA, GB,  
GB (Residence), GB (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

KIRBY David Graham, 21 Wallace Fields, Epsom, Surrey KT17 3AX, GB, GB  
(Residence), GB (Nationality), (Designated only for: US)

POOLE Christopher Edward, Flat 5, Oak House, Oakfield Drive, Reigate,  
Surrey RH2 9NY, GB, GB (Residence), GB (Nationality), (Designated only  
for: US)

WIEWIORKA Adam, 16 Ashbourne Grove, Chiswick, London W4 2JH, GB, GB  
(Residence), GB (Nationality), (Designated only for: US)

LAHR William Oscar, 19 Cromford Road, London SW18 1NZ, GB, GB (Residence)  
, GB (Nationality), (Designated only for: US)

Legal Representative:

ROBSON Aidan John (agent), Reddie & Grose, 16 Theobalds Road, London WC1X  
8PL, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200195631 A2 20011213 (WO 0195631)  
Application: WO 2001GB2547 20010611 (PCT/WO GB0102547)  
Priority Application: GB 200014161 20000609; GB 200024413 20001005

Designated States: CA GB US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: H04N-007/26

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14099

English Abstract

A method for generating subtitles for audiovisual material received and analyses a text file containing dialogue spoken in audiovisual material and provides a signal representative of the text. The text information and audio signal are aligned in time using time alignment speech recognition and the text and timing information are then output to a subtitle file. Colours can be assigned to different speakers or groups of speakers. Subtitles are derived by receiving and analysing a text file containing dialogue spoken by considering each word in turn and the next information signal, assigning a score to each subtitle in a plurality of different possible subtitle formatting options which lead to that word. The steps are then repeated until all the words in the text information signal have been used and the subtitle formatting option which gives the best overall score is then derived.

French Abstract

L'invention concerne un procede de production de sous-titres pour materiel audiovisuel, qui comporte les etapes consistant a : recevoir et analyser un fichier texte contenant des dialogues oraux dans du materiel audiovisuel, et fournir un signal representant le texte. Les donnees de texte et le signal audio sont synchronises au moyen d'une reconnaissance vocale avec synchronisation, et ensuite transferees vers un fichier de sous-titres. Des couleurs peuvent etre attribuees aux differents locuteurs ou groupes de locuteurs. Les etapes permettant de produire des sous-titres consistent a : recevoir et analyser un fichier texte contenant des dialogues oraux en considerant chaque mot tour a tour ainsi que le signal de donnees suivant, attribuer un resultat a chaque sous-titre dans une pluralite d'options possibles differentes de formatage de sous-titres conduisant a ce mot. Ces etapes sont ensuite repetees jusqu'a ce que tous les mots du signal de donnees de texte aient ete utilises, et obtention d'une option de formatage de sous-titres donnant le meilleur resultat global.

Legal Status (Type, Date, Text)

Publication 20011213 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:

Claims

Claim

... available software speech recogniser such as Dragon's Naturally Speaking or IBM's Via-Voice ( **trade marks** ). The speech recogniser generates an electronic text signal indicated by block 44, which is stored...be analysed automatically to determine which speakers appear in the same scenes and which might **appear together** in the same subtitle. From this analysis, an optimum. assignment of colours to speakers can...

...programme.

Coloured subtitle text is used to distinguish one speaker from another when their-text **appears together** in

the same subtitle. However, the restrictions on using colours (typically, only three colours and...

...can assign colours such that two characters who are given the same colour do not **appear together**, and each character always appears in their same colour. It will  
- 16  
also take into...

...in the video, there is a tendency for the viewer to look away from the **text** to the new **image** and then back to the **text**. By this point, they have lost their place in the text and re-read it...

15/5,K/6 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00803948 \*\*Image available\*\*  
METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS AND CONSUMERS  
PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES VENDEURS ET DES CONSOMMATEURS

Patent Applicant/Inventor:

PERKOWSKI Thomas J, 10 Waldon Road, Darien, CT 06820, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

PERKOWSKI Thomas J (agent), Thomas J. Perkowski, P.C., Soundview Plaza,  
1266 East Main Street, Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200137540 A2 20010525 (WO 0137540)

Application: WO 2000US31757 20001117 (PCT/WO US0031757)

Priority Application: US 99441973 19991117; US 99447121 19991122; US  
99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US  
2000641908 20000818; US 2000695744 20001024

Parent Application/Grant:

Related by Continuation to: US 99441973 19991117 (CIP); US 99447121  
19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114  
(CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US  
2000695744 20001024 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 116871

English Abstract

A functionally-integrated consumer product marketing, merchandising and education/information system and method which enables manufacturers, retailers, their respective agents, and consumers to carry out four basic product-related functions along the demand-side of the retail chain, namely: enabling manufacturers' marketing, brand and/or product managers to create and manage a composite brand image for each consumer product being offered for sale in both physical and electronic marketplaces; enabling manufacturers, retailers, and their advertising and marketing agents to display consumer product advertisements to consumers, at or near the point of purchase or sale within both physical and electronic

retail shopping environments, in a way which is guaranteed to project the manufacturers' intended brand image while positively influencing product demand; enabling retailers, manufacturers, and their marketing and promotional agents to promote consumer products with consumers within physical and electronic retail shopping environments in order to positively influence (i.e. reduce) the supply of such products in inventory and promote sales and profits; and enabling consumers to request and obtain reliable information about a manufacturer's product in order to make informed/educated purchases along the demand side of the retail chain, while enabling retailer purchasing agents to request and obtain reliable information about a manufacturer's product in order to make informed/educated purchases along the supply side, thereby influencing product demand in a positive manner.

#### French Abstract

L'invention concerne un systeme integre de maniere fonctionnelle et un procede de commercialisation, de distribution et d'education/information de produits de consommation, qui permettent a des fabricants, a des revendeurs, a leurs agents respectifs et aux consommateurs d'accomplir quatre fonctions fondamentales associees au produit du cote de la demande du circuit de detail, a savoir : permettre aux responsables du commercialisation, de la marque et/ou du produit de creer et de gerer une image de marque composee pour chaque bien de consommation a la vente aussi bien sur le marche physique qu'electronique, a permettre aux fabricants, aux revendeurs et a leurs agents publicitaires et de commercialisation de montrer a des consommateurs des publicites relatives aux biens de consommation, dans un point de vente ou a proximite de ce dernier dans les environnements de commerce au detail aussi bien physique qu'electronique, de facon a garantir que l'image de marque voulue du fabricant soit diffusee et, parallelement, que la demande du produit soit influencee positivement. Le systeme et le procede permettent en outre aux revendeurs, aux fabricants et a leurs agents publicitaires et de commercialisation de promouvoir les produits de consommation aupres des consommateurs dans des environnements de commerce au detail aussi bien physique qu'electronique afin d'influencer positivement (c'est-a-dire de reduire) l'offre de ces produits dans les stocks et de promouvoir les ventes et les profits. Le systeme et le procede permettent aussi aux consommateurs de demander et d'obtenir des informations fiables concernant un produit d'un fabricant afin d'effectuer des achats en toute connaissance de cause du cote de la demande du circuit du detail, tout en permettant a des acheteurs au detail de demander et d'obtenir des informations fiables concernant un produit d'un fabricant afin d'effectuer des achats en toute connaissance de cause du cote de l'offre, influencant ainsi la demande du produit de maniere positive.

Legal Status (Type, Date, Text)

Publication 20010525 A2 Without international search report and to be republished upon receipt of that report.

#### Fulltext Availability:

Claims

#### Claim

... used to search the RDBMS 9 in order to find all registered consumer products having **trademarks** or **trade** names within the RDBMS 9 that are linked to the product description entered into the...invention, the UPN-Directed Information Access Mode and the Trademark-Directed Search Mode can be **integrated** into a single server application so that there is no need or desire to manually...

...You can return to the

Page 202

URL display list at anytime. Notably, such an **integrated** Web server application can be realized in a variety of ways. The exact **words** and **graphics** used to create an interactive script for an integrated Web server application will vary from...the BRANDKEY REQUEST" provision is supported during and enabled by UPN-Directed Information Access Mode; **TRADE - MARK** " provision is supported during and enabled by the **Trademark** -Directed Search Mode; PRODUCT-TYPE" provision is supported

during and enabled by the Product-Description...

...to request BRANDKEY REQUEST service. The fourth mode activation button 21D enables consumers to request **TRADE - MARK** " service. The fifth  
Page 211  
mode activation button 21 E enables consumers to request PRODUCT...and graphical content can be composed and edited in much the same way as conventional **word** processing and **graphics** programs; (2) a UPN/TM/PD/TJRL data linking mode illustrated in Fig. 2E2, in...

15/5,K/7 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00802669 \*\*Image available\*\*  
**SYSTEM AND METHOD FOR EXAMINING, RECORDING AND ANALYSING DERMATOLOGICAL CONDITIONS**  
**SYSTEME ET PROCEDE D'EXAMEN, D'ENREGISTREMENT ET D'ANALYSE DE TROUBLES DERMATOLOGIQUES**

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200135827 A1 20010525 (WO 0135827)  
Application: WO 2000AU1379 20001109 (PCT/WO AU0001379)  
Priority Application: US 99165072 19991112; US 99473270 19991227

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A61B-005/103

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 28646

English Abstract

A system for collecting, storing and displaying dermatological images for the purpose of monitoring and diagnosis of skin conditions and skin

cancers, including melanoma. A hand-held unit illuminates a section of the patient's skin, and an imaging device generates imaging signals from light derived from a skin section. Pairs of light output ports in the hand-held unit are arranged such that their intensity distributions overlap at their half-intensity levels so that the resulting summation of their intensities has a flat central region. Three image stores are maintained, one for lesion images, one for "nearby skin" images, and one for reference-white images. The "nearby skin" images are used by the system software to automatically determine the skin/lesion border. The reference white **images** are used to set the **dynamic** range of the instrument and to compensate for lighting irregularities. Two images of the same lesion taken at different times may be displayed simultaneously so that changes in the lesion may be determined. The calibration system is designed so that image data taken on any of multiple machines built to the same specification will be corrected back to a common reference standard to ensure absolute accuracy in colour rendition.

#### French Abstract

L'invention se rapporte a un systeme de collecte, de stockage et d'affichage d'images dermatologiques en vue de la surveillance et du diagnostic de troubles de la peau et de cancers de la peau, et notamment de melanomes. Une unite a main eclaire une partie de la peau du patient et un dispositif d'imagerie genere des signaux d'imagerie a partir de la lumiere derivee de la partie de peau. Des paires d'orifices de sortie pour la lumiere sont agencees dans l'unite a main de maniere que leurs distributions d'intensite se chevauchent en leur niveaux de demi-intensite de sorte que le cumul resultant de leurs intensites presente une region centrale plate. Trois organes de stockage d'images sont utilises, un pour les images de lesion, un pour les images de "peau proche" et un pour les images de blanc de reference. Les images de "peau proche" sont utilisees par le logiciel systeme pour determiner automatiquement la limite peau/lesion. Les images de blanc de reference sont utilisees pour definir la plage dynamique de l'instrument et pour compenser les irregularites d'eclairage. Deux images de la meme lesion prises a des instants differents peuvent etre affichees simultanement de sorte que les modifications de la lesion peuvent etre determinees. Le systeme d'etalonnage est concu de sorte que les donnees images prises sur une quelconque machine choisie parmi un ensemble de machines construites selon les memes specifications peuvent etre corrigees de facon a produire un etalon de reference commun permettant d'assurer une precision absolue de rendu des couleurs.

Legal Status (Type, Date, Text)

Publication 20010525 A1 With international search report.

Examination 20010719 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

#### English Abstract

...used by the system software to automatically determine the skin/lesion border. The reference white **images** are used to set the **dynamic** range of the instrument and to compensate for lighting irregularities. Two images of the same...

#### Claim

... record for the image being displayed is also shown in the bar 495. The initial **simultaneous display** of oldest and latest images for the current site immediately allows the user to see...

...of the lesion have occurred. Significant changes are an indication of malignancy. The ability to **scroll** through the **n images** for the current lesion site allows the user to observe the changes in time.

If...structure seen by the user is different. The data is conceptually organised into "records", encompassing **text** data and **images**, with a



record for each patient. There are a number of other tables in the...step 297, the user has several choices of action -- to add to the record, to **scroll** through the record, to manipulate **images**, or to perform administrative functions. The "add to record" option allows the addition of a...over the image, with the lines at, say, lmm spacings. The two options may be **combined**, as **shown** in Fig. 26C. Zooming may be done on the image in Photo A or Photo...

15/5,K/8 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784185 \*\*Image available\*\*

**A SYSTEM AND METHOD FOR STREAM-BASED COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**  
**SYSTEME, PROCEDURE ET ARTICLE DE PRODUCTION FOURNISSANT UN SYSTEME DE COMMUNICATION EN CONTINU DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE SERVICES DE COMMUNICATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200117195 A2-A3 20010308 (WO 0117195)

Application: WO 2000US24125 20000831 (PCT/WO US0024125)

Priority Application: US 99386717 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG.

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-029/06

International Patent Class: G06F-017/22; H04L-029/12

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150532

**English Abstract**

A system, method, and article of manufacture are disclosed for providing a stream-based communication system. A shared format is defined on interface code for a sending system and a receiving system. A message to be sent from the sending system to the receiving system is translated based on the shared format. Once translated, the message is then sent from the sending system and received by the receiving system. Once the message is received by the receiving system, the message is then translated based on the shared format.

**French Abstract**

L'invention concerne un systeme, un procede et un article de production fournissant un systeme de communication en continu. Un format partage est defini selon un code d'interface pour un systeme emetteur et un systeme recepteur. Un message devant etre envoye par le systeme emetteur est traduit sur la base du format partage. Une fois traduit, le message est envoye du systeme emetteur et recu par le systeme recepteur. Le message recu par le systeme recepteur est ensuite traduit sur la base du format

partage.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010907 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20011115 Late publication of international search report

Republication 20011115 A3 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... a request that returns a large amount of data;

I I

Figure 98 shows a **graphical** depiction of a paging communication pattern;

Figure 99 illustrates a message trace diagram showing the...the presentation of data (text, sound, video, etc.).

The ability to digitize, organize, and deliver **textual** , **graphical** and other information (e.g., video, audio, etc.) in addition to traditional data to a...view and interact with applications and documents made up of varying data types, such as **text** , **graphics** , and audio. These services also provide support for navigation within and across documents no matter ...

...These tags can be used to control the positioning and formatting of a document's **text** and **images** . SGML is used for large, complex, and highlystructured documents that are subject to frequent revisions headings, lists, paragraphs, tables, electronic forms, in-line **images** ( **images** next to **text** ), and hypertext links. Enhancements to the original HTML 1.0 specification include banners, the applet tag to support Java, **image** maps, and **text** flow around **images** .

The WK also approved the specification for version 4.0 of HTML (<http://www.w3...>

...specification called the Document Object

79

Model DOM The DOM categorizes Web page elements--including **text** , **images** , and links--as objects and specifies the attributes that are associated with each object. The...

...Language (VRML--pronounced "ver-mul"). VRML is technically not a markup language because it uses **graphical** rather than **text** -based file formats.

In order to create 3-D worlds and objects with VRML, users...types together. The language enables Web authors to sort multimedia content into separate audio, video, **text** , and **image** files and streams which are sent to a user's browser. The SMIL tags then...be subdivided into three categories.

Hyperlink - the Internet has popularized the use of underlined key **words** , **icons** and **pictures** that act as links to further pages. The hyperlink mechanism is not constrained to a...

...Windows, where the reader can move from one topic to another by selecting a highlighted **word** or phrase.

**Icon** is similar to the hypertext menu above, but selections are represented as ...a series of icons.

The HTML standard and popular browsers provide hyperlinking services for non- **text** items such as **graphics** .

**Image** May is also similar to the hypertext menu above, but selections

are represented as a...proposed architecture?

It is important to consider how well a product integrates with desktop tools ( **word** processing, spreadsheet, **graphics** etc.) and application development programs. These items can be used to extend the capabilities of...that were created by others. Documents can be comprised of many different data types, including **text** , charts, **graphics** , or even audio and video.

Security 1410

Documents should be accessed exclusively through the document...server environment but accessing the information through existing screens or functions is not feasible. Legacy **Integration** messaging services typically include remote data access through gateways. A database gateway provides an interface...These services are responsible for collecting, processing, formatting, and writing report information (for example, data, **graphics** , **text** ).

Report Distribution Services. These services are responsible for printing, or otherwise distributing, the reports to...information.

Collect the information. This function is responsible for collecting the information (for example, data, **text** , **image** , **graphics** ) that is required for the report. This function would 'lize the Information Access Services component...

15/5,K/9 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784136

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR BUSINESS LOGIC SERVICES PATTERNS IN A NETCENTRIC ENVIRONMENT

SYSTEME, PROCEDE ET ARTICLE DE FABRICATION POUR STRUCTURES DE SERVICES DE LOGIQUE DE COMMERCE DANS UN ENVIRONNEMENT S'ARTICULANT AUTOUR DE L'INTERNET

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Legal Representative:

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Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116728 A2 20010308 (WO 0116728)

Application: WO 2000US24197 20000831 (PCT/WO US0024197)

Priority Application: US 99387658 19990831

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/44

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150863

English Abstract

A system, method, and article of manufacture are provided for implementing business logic service patterns for allowing reuse of a business object in a component-based architecture. An attribute

dictionary pattern is used for controlling access to data of a business object via an attribute dictionary. A constant class pattern is provided for ensuring correct data at an attribute level. The patterns are utilized for reusing a business object which is classified as a business component, a business service, and/or a business facility.

#### French Abstract

L'invention porte sur un systeme, un procede et un article de fabrication s'appliquant a la mise en oeuvre de structures de services de logique de commerce en vue d'etre autorise a utiliser un objet commercial dans une architecture a base de composants. Une structure de dictionnaire d'attributs est utilisee pour commander l'accès aux donnees d'un objet commercial via un dictionnaire d'attributs. Une structure de classement constant assure la correction des donnees a un niveau d'attributs. Les structures sont utilisees pour reutiliser un objet commercial classifie comme composant commercial, service commercial et/ou installation commerciale.

#### Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... application objects" by manipulating visual representations of those objects. For example, a user may sell **stock** by dragging "**stock**" icons out of a "portfolio" icon and onto a "**trading floor**" icon. Direct Manipulation Services can be further divided as follows.

Display: These services enable applications to...network-sensitive traffic.

An intelligent network adds value to enterprise resources by presenting a cohesive **view** of available resources and increasing the level of security associated with those resources.

Figure 24...new requirements, and the legal and commercial structure for selling components.

Throughout the industry the word "component" is used broadly and often loosely. Components come in a wide variety of shapes...

15/5,K/10 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777021

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L, Hickman Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109792 A2 20010208 (WO 0109792)

Application: WO 2000US20549 20000728 (PCT/WO US0020549)

Priority Application: US 99364091 19990730  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 122232

#### English Abstract

A system, method and article of manufacture are provided for managing user information. A site server is provided with information stored thereon including preferences, roles, and details relating to users. A database separate from the site server is also provided. The database has information stored thereon including preferences, roles, and details relating to the users. An identity of one of the users is authenticated. A single interface is displayed which provides the user access to both the site server and the database upon authentication of the identity of the user. The user is allowed to view and change the information that is stored on the site server and the database and that is associated with the user. The single interface is tailored based on the information associated with the user.

#### French Abstract

Cette invention se rapporte a un systeme, un procede et un article manufacture servant a la gestion d'informations d'utilisateurs. A cet effet, un serveur de site est pourvu d'informations qui y sont stockees, telles que preferences, roles et details concernant les utilisateurs. Une base de donnees separee de ce serveur de site est egalement prevue. Cette base de donnees contient des informations qui y sont stockees, telles que preferences, roles et details concernant les utilisateurs. L'identite de l'un des utilisateurs est authentifiee et une interface unique est affichee pour donner a l'utilisateur acces a la fois au serveur de site et a la base de donnees apres authentication de son identite. L'utilisateur est alors autorise a visualiser et a modifier les informations qui sont stockees dans le serveur de site et dans la base de donnees et qui sont associees a lui. L'interface unique est personnalisee sur la base des informations associees a l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20010208 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010607 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

#### Detailed Description

... Java, developers can create robust User Interface (UI) components. Custom "widgets" (e.g., real-time **stock** tickers, animated **icons**, etc.) can be created, and client-side performance is improved. Unlike HTML, Java supports the...Name is "ZIMMERDY 6208).

Select New - Commerce Site Foundation.

Create New Site Foundation Wizard 6300 **appears** . Figure 63 is an illustration of a Create New Site Foundation Wizard. Select to create...

15/5,K/11 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00764915

**IMAGE MAKING MEDIUM**

**SUPPORT DE FORMATION D'IMAGE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200077085 A1 20001221 (WO 0077085)

Application: WO 2000US16111 20000612 (PCT/WO US0016111)

Priority Application: US 99138694 19990611

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C08K-005/34

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 205520

**English Abstract**

The invention is directed to a composition for use as a medium for making an image, such as an image of art, design or architecture. In one embodiment, the composition comprises a transparent or translucent polymer and a stabilizer. In another embodiment, the composition comprises an absorbent polymer. The invention is also directed to methods of making images using such compositions.

**French Abstract**

Cette invention se rapporte a une composition apte a servir de support de formation d'image, par exemple une image d'art, de dessin ou d'architecture. Dans un mode de realisation, cette composition comprend un polymere transparent ou translucide et un stabilisant. Dans un autre mode de realisation, cette composition comprend un polymere absorbant. Cette invention se rapporte egalement a des procedes de formation d'images utilisant de telles compositions.

Legal Status (Type, Date, Text)

Publication 20001221 A1 With international search report.

Examination 20010329 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:

Detailed Description

**Detailed Description**

... done in a manner between these two extremes. Processes for removing polymer from an inventive **image** can be on one or more selected areas of its surfaces and/or over one...offered by the present invention, can result in effects and in images so innovative, that **images** like them have never been created before.

On polymer of the present invention, conventional watercolors...polymer or non polymeric inventive image surfaces, on molds, or both. The resultant polymer inventive **image** surfaces will have wax sites which

**bond** to superimposed applications of conventional **image** making materials and media such as oil paints, encaustic paints, oil pastels, various kinds of...to form SSI on the resultant polymer surface enabling one or more superimposed applications to **bond** to it or **bond** to it more strongly.

In some circumstances these SSI constitute a surface preparation stabilizer. Polymer...

...stabilizer). For exwnple, the SSI formed by particles added into ORM enable a polymer inventive **image** surface to **bond** to a substance which fimctions like a glue, bonding one or more superimposed attachments, parts...

...printing is done on it, or a combination of these, e.g., the SSI mechanically **bond** a photographic emulsion; paint applications; other marks made in charcoal, graphite, conte crayons, pastels, or a **combination** of these to the polymer inventive image surface. Polymer with SSI formed in this embodiment...

15/5,K/12 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00566667 \*\*Image available\*\*

ADVANCED DEFERRED SHADING GRAPHICS PIPELINE PROCESSOR

PROCESSEUR PIPELINE GRAPHIQUE EVOLUE A OMBRAGE DIFFERE

Legal Representative:

ANANIAN R Michael (et al) (agent), Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200030040 A1 20000525 (WO 0030040)

Application: WO 99US18971 19990820 (PCT/WO US9918971)

Priority Application: US 9897336 19980820; US 98213990 19981217

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06T-015/00

International Patent Class: G06T-017/00; G06T-011/40; G06T-011/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 180456

English Abstract

A graphics pipeline processor that extracts (4000), sorts (6000) and renders pixel fragments. The processor applies texture (12000) and one of various fragment operations (11000).

French Abstract

L'invention concerne un processeur pipeline graphique qui extrait (4000), trie (6000) et restitue des fragments de pixels. Ce processeur applique une texture (12000) et realise une operation sur fragments parmi une pluralite d'operations sur les fragments (11000).

Legal Status (Type, Date, Text)

Correction 20011018 Corrected version of Pamphlet: pages 1-397, description, replaced by new pages 1-397; pages 398-401, claims, replaced by new pages 398-401;

pages 1/219-219/219, drawings, replaced by new pages  
1/221-221/221; due to late transmittal by the  
receiving Office

Republication 20011018 A1 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... a surface normal that is interpolated between or among other surface normals, in the 3D **graphics** environment. The compromises have typically **traded** -off accuracy for computational ease or efficiency. Ideally, surface normals should be interpolated angularly, that...single primitive, even if multiple primitives touch the stamp.

Colors from multiple touching VSPs are **combined** later, in the Pixel (PIX) block. Each pixel in a VSP is divided up into...

15/5,K/13 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00504240 \*\*Image available\*\*

SYSTEM FOR CONVERTING SCROLLING DISPLAY TO NON-SCROLLING COLUMNAR DISPLAY  
SYSTEME DE CONVERSION D'AFFICHAGE A DEFILEMENT EN AFFICHAGE SOUS FORME DE  
COLONNES SANS DEFILEMENT

Patent and Priority Information (Country, Number, Date):

Patent: WO 9935592 A1 19990715

Application: WO 99US62 19990105 (PCT/WO US9900062)

Priority Application: US 983972 19980107

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US

UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE

CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN

GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/21

International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 46130

English Abstract

A computer system for automatically converting a **scrollable** electronic document, including text, **graphics**, tables and combinations, from a **scrollable** format to a non-scrollable format, the system comprising a page-forming mechanism configured to operatively and automatically arrange the scrollable electronic information document into a plurality of non-scrollable pages, each having one or more columns wherein each of the columns has a width corresponding to a number of characters per line within a predetermined range of characters per line, a content formatter mechanism configured to be operatively responsive to embedded formatting commands, either common word-processing commands or html commands or both; a font-sizing mechanism configured to operatively permit a user to selectively alter the size of the characters comprising the non-**scrollable** pages; an **image** sizing mechanism configured either to automatically alter the widths of graphic images and tables in the electronic document to proportionately conform to the width of the columns, or to reduce the graphic images and tables to selectively expandable icons positioned in the display; a screen having a display window configured to entirely display a selected one of the non-scrollable pages; and a page-turning mechanism configured to selectively, sequentially and individually display the plurality of non-scrollable pages in the display window. A method is provided for practicing the system.



#### French Abstract

L'invention concerne un systeme informatique de conversion automatique de document electronique a defilement, y compris le texte, les graphiques, les tableaux et leurs combinaisons, depuis un format a defilement vers un format sans defilement. Le systeme comprend un mecanisme de formation de page concu pour la conversion fonctionnelle et automatique du document electronique a defilement en plusieurs pages sans defilement, chaque page ayant une ou plusieurs colonnes dont la largeur correspond a un certain nombre de caracteres par ligne dans une gamme preetablie de caracteres par ligne. Le systeme comporte en outre un formateur de contenu concu pour reagir fonctionnellement a des commandes de formatage integrees (commandes de traitement de texte communes ou html ou les deux), ainsi qu'un selecteur de taille de caractere concu pour la modification selective operationnelle des caracteres constituant les pages sans defilement. Par ailleurs, le systeme comporte les elements suivants : selecteur de taille d'image pour la modification automatique de la largeur d'image graphique et de tableau dans le document electronique, permettant de s'adapter proportionnellement a la largeur des colonnes, ou bien de reduire les images graphiques ou les tableaux sous forme d'icomes a extension selective placees sur l'ecran; ecran a fenetre de visualisation concue pour afficher entierement telle ou telle page sans defilement dument selectionnee; et tourne-page concu pour afficher selectivement, sequentiellement et individuellement les differentes pages sans defilement dans la fenetre de visualisation. L'invention concerne egalement un procede relatif a l'utilisation pratique du systeme.

#### Fulltext Availability:

Claims

#### English Abstract

A computer system for automatically converting a **scrollable** electronic document, including text, **graphics**, tables and combinations, from a **scrollable** format to a non-scrollable format, the system comprising a page-forming mechanism configured to...

...operatively permit a user to selectively alter the size of the characters comprising the non-**scrollable** pages; an **image** sizing mechanism configured either to automatically alter the widths of graphic images and tables in...

#### Claim

... or table during said resizing and expanding.

12 A computer system for automatically converting a **scrollable** electronic document, including **text**, **graphics**, tables and combinations thereof, from a scrollable format to a non-scrollable format, the system...

...per line within a predetermined range of characters per line;  
(b) a screen having a **display** window configured to **simultaneously display** a selected one of said plurality of non-scrollable pages in its entirety; and  
1...or table during said resizing and expanding.

7 9

. A method for automatically converting a **scrollable** electronic document, including **text**, **graphics**, tables and combinations thereof, from a scrollable format to a non-scrollable format, the method...a predetermined range of characters per line based on a user selected font size;

(b) **simultaneously displaying** a selected one of said plurality of non-scrollable pages in its entirety; and  
1...

15/5,K/14 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00367127

PROCESSING APPARATUS AND METHOD AND COMPUTER SOFTWARE THEREFOR  
APPAREIL ET PROCEDE DE TRAITEMENT ET LEUR LOGICIEL INFORMATIQUE

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BURFORD David Robert,  
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CHEESEMAN Peter,  
THOMAS Andrew James,

Inventor(s):

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THOMAS Andrew James,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9707454 A1 19970227  
Application: WO 96GB2018 19960816 (PCT/WO GB9602018)  
Priority Application: GB 9516977 19950817

Designated States: AU CA JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

Main International Patent Class: G06F-009/46

International Patent Class: G06F-09:44; G06F-03:033

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 34710

English Abstract

The application discloses computer software which is capable of generating the following objects: a toolbar program object; a calculator/spreadsheet program object; a note program object; a multicolumn list/database object, and a tabbed notebook-like workspace program object. Each program object uses little memory resources, and can act as both an O.LE 2.0 container and server (i.e. can be both embedded and linked, supports drag-and-drop, and also support in-place activation).

French Abstract

La presente invention concerne un logiciel informatique pouvant generer les objets suivants: (a) un objet de programme de barre d'outils; (b) un objet de programme de tableur/calculateur; (c) un objet de programme de notes; (d) une liste multicolonne/un objet de base de donnees, et (e) un objet de programme d'espace de travail de type cahier a onglets. Chaque objet de programme utilise peu de ressources de memoire, et peut servir de conteneur O.LE 2.0 et de serveur (c'est-a-dire, peut etre encastré et lie, prend en charge la fonction permettant de tirer et de relacher des icones et egalement l'activation sur place).

Fulltext Availability:

Detailed Description

Detailed Description

... example, cells of a calculation can be selected and dragged into a table in Microsoft Word 6 ( trade mark ). Also, more than one instance of the calculator object may be open on the display at the same time . Information from one can then be transferred or copied to the other using copy and...and columns of a list can be selected and dragged into a table in Microsoft Word 6 ( trade mark ). Also, more than one instance of the list object may be open on the display at the

same time . Information from one can then be transferred or copied to the other using copy and...applications.

For example, a note can be selected and dragged into a table in Microsoft Word 6 ( trade mark ). Also, more than one instance of the note object may be open on the display at the same time . Information from one can then be transferred or copied to the other using copy and...

15/5,K/15 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00301433

**MULTI-IMAGE COMPOSITING**

**COMPOSITION A BASE D'IMAGES MULTIPLES**

Patent Applicant/Assignee:

DIMENSIONAL MEDIA ASSOCIATES,

Inventor(s):

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WELCK Steve A,  
KATZ Burkhard,  
DICKINSON Jon M,  
VAN RYSELBERGHE Pierre C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9519584 A1 19950720

Application: WO 95US512 19950113 (PCT/WO US9500512)

Priority Application: US 94183278 19940114; US 94333497 19941102

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP

KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK

TJ TT UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT

SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G02B-027/22

International Patent Class: G02B-17:06; G02B-05:10; G09G-03:02

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14351

**English Abstract**

Image compositing apparatus and methodology for the creation, in a defined volume of three-dimensional space, of a composite organization of plural images/visual phenomena, including at least one projected real image (104), displayed in formats including (a) front-to-rear, (b) side-by-side and (c) overlapping and intersecting, adjacency. The apparatus incorporates different unique arrangements of visual sources (110, 112), and optical elements including concave reflectors (114), beam splitters (116) and image-forming/image-transmissive scrim/screen structures (334). In one important modification of the system, which does not necessarily require compositing, a projected real image is derived from an image-producing data stream containing three-dimensional image cues selected from the group consisting of shading, occlusion, perspective, motion parallax, size vs. depth, light (chroma value) vs. depth and definition vs. depth. In a further important modification of the invention, a system (620) is proposed which allows a viewer/user to interact directly with a projected real image, in a manner allowing the manipulation of one or more characteristics or aspects of the image.

**French Abstract**

Appareil de composition d'images, et procede de creation, a l'interieur d'un volume tridimensionnel donne, d'une organisation composite de phenomenes multiples de representation/visualisation comprenant au moins une image reelle projetee (104) presentee en formats comprenant un agencement (a) recto/verso, (b) cote-a-cote, (c) a chevauchement et intersection. L'appareil comporte differents arrangements particuliers de sources visuelles (110, 112) et des elements optiques y compris des reflecteurs concaves (114), des diviseurs de faisceaux (116), et un ecran

mousseline (334) de formation et transmission d'images. Dans l'une des variantes importantes du systeme qui ne demande pas necessairement de composition, l'image reelle projete de derive d'un flot de donnees generatrices d'images contenant des instructions d'execution des images tridimensionnelles tels qu'ombrage, occlusion, perspective, parallaxe de mouvement, et rapports taille/profondeur, densite lumineuse/profondeur et definition/profondeur. Dans une autre variante importante figure un systeme (620) permettant a l'utilisateur du systeme d'interagir directement sur l'image projete de facon a pouvoir influencer sur une ou plusieurs caracteristiques ou aspects de l'image.

Fulltext Availability:

Claims

English Abstract

...system, which does not necessarily require compositing, a projected real image is derived from an **image**-producing data **stream** containing three-dimensional **image** cues selected from the group consisting of shading, occlusion, perspective, motion parallax, size vs. depth...

Claim

... one-half the structure of the previously described real image projectors. With optic portion 174 **combined** as **shown** with beam splitter 172, the two cooperate to create a virtual, confronting, reflective surface, shown...video source 316, creates background virtual image 310.

Looking now at Figs. 14 and 15 **together**, here there is **shown** generally at 326 a theater-like system which is constructed in accordance with yet another...compositing a quite deep and complex composite of multiple images, all of which can be **combined** (composited) with the **appearance** of solid objects, including live action, on stage 330. In the region of system 326...aerially suspended real image, where that data includes one or more psychologically motivating three-dimensional **image** cues. In other **words**, the source data, which might take the form of a film, a videotape, a video laser disc, a magnetic **image**-containing disc, an optical data **stream**, an electronic data stream, or other, has built into it one or more of these...

...device (visual image source), such as a video monitor 586, which produces, from the supplied **image**-promoting data **stream**, a two-dimensional **image** characterized by the presence of psychologically-perceived motivating cues that strongly suggest to a viewer...

?

Set	Items	Description
S1	475150	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	12661	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	288485	TEXT OR TEXTS OR TEXTUAL? OR WORD? OR NEWS OR QUOTE OR QUO- TES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	890491	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	106437	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	18508	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	214642	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ER?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR CRAWL? OR NEWS CRAWL? OR TEXTSCOLL? OR NEWS CROLL?
S8	23741	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	20244	S1-S2(5N)S3
S10	831	S9(S)S5-S6
S11	147	S10(S)S7
S12	10	S10(S)S8
S13	77	S10(S)S7(5N)S1-S2
S14	5	S13 AND (S7(5N)S1-S2)/TI,AB
S15	15	S12 OR S14
S16	110	S8(S)S1-S2(10N)S3(5N)S4
S17	19	S16 AND (S1-S2(5N)(S4 OR S7))/TI,AB
S18	19	S17 NOT S15

?t18/5,k/all

18/5,K/1 (Item 1 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
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00437929

Video image bank

Videobildbank

Banque d'images video

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 439947 A2 910807 (Basic)  
 EP 439947 A3 920603  
 EP 439947 B1 960417

APPLICATION (CC, No, Date): EP 90313984 901220;

PRIORITY (CC, No, Date): US 471335 900129

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G11B-027/028;

CITED PATENTS (EP A): EP 282997 A; WO 8601619 A

CITED REFERENCES (EP A):

RUNDFUNKTECHNISCHE MITTEILUNGEN vol. 32, no. 4, July 1988, W.GERMANY  
 pages 166 - 172; R.HOBBS: 'GRAFIKEN UND STANDBILDER IN  
 FERNSEHSENDUNGEN' RIGHT COLUMN , THIRD PARAGRAPH;

ABSTRACT EP 439947 A2

A video image bank system for preparing an edit tape and associated  
 edit list from a library of **stock** video **image** sequences uses a set of  
 video disks (24) with an associated library index. A microprocessor (32)  
 or personal computer (12) is loaded with the library index, and an  
 operator selects an initial set of **image** sequences from a menu or by  
 using key **words** , specifically or highlighted in a **word** processor  
**text** file, for a desired effect. Groups of still frames, one from each  
 identified **image** sequence, are **displayed** and the operator selects any

one of the represented image sequences for addition to the edit tape (30) and the associated edit list (28). Once all the desired **stock** video **image** sequences have been selected from the library and transferred to the edit tape and associated edit list, these sequences may readily be added to a production video sequence using normal editing procedures.  
(see image in original document)

ABSTRACT WORD COUNT: 160

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 910807 A2 Published application (Alwith Search Report  
;A2without Search Report)  
Search Report: 920603 A3 Separate publication of the European or  
International search report  
Change: 920812 A2 Representative (change)  
\*Assignee: 920812 A2 Applicant (transfer of rights) (change): The  
Grass Valley Group, Inc. (536873) 13024 Bitney  
Springs Road Nevada City California 95945 (US)  
(applicant designated states: DE;FR;GB;NL)  
Examination: 921028 A2 Date of filing of request for examination:  
920902  
Examination: 940706 A2 Date of despatch of first examination report:  
940524  
Change: 951206 A2 Representative (change)  
Grant: 960417 B1 Granted patent  
Oppn None: 970416 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	463
CLAIMS B	(German)	EPAB96	420
CLAIMS B	(French)	EPAB96	513
SPEC B	(English)	EPAB96	1883
Total word count - document A			0
Total word count - document B			3279
Total word count - documents A + B			3279

...ABSTRACT bank system for preparing an edit tape and associated edit list from a library of **stock** video **image** sequences uses a set of video disks (24) with an associated library index. A microprocessor...

...12) is loaded with the library index, and an operator selects an initial set of **image** sequences from a menu or by using key **words**, specifically or highlighted in a **word** processor **text** file, for a desired effect. Groups of still frames, one from each identified **image** sequence, are **displayed** and the operator selects any one of the represented image sequences for addition to the edit tape (30) and the associated edit list (28). Once all the desired **stock** video **image** sequences have been selected from the library and transferred to the edit tape and associated...

...SPECIFICATION the form of a visual effects library for video production that puts thousands of exciting **stock** **image** sequences at the fingertips of a video producer. The library is stored on video disk...

...a number of headings, and also allows for a number of still frames from the **image** sequences to be **displayed**. The program may access highlighted **words** from the written production script for use as key words to access the index and...

18/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00295455

Display apparatus capable of simultaneously displaying a television picture and a compressed display page of character and graphics data

Anzeigevorrichtung zur gleichzeitigen Darstellung eines Fernsehbildes und einer komprimierten Anzeigeseite mit Zeichendaten und grafischen Daten  
Appareil d'affichage simultane d'une image de television et d'une page d'affichage compreee comprenant des donnees de caracteres et des donnees graphiques

PATENT ASSIGNEE:

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Shimbo, Hiroyasu, C13-101, 2-7, Shinsenri Higashi-machi, Toyonaka-shi Osaka, (JP)  
Fukuda, Shin, 1-29-5, Himurodai, Hirakata-shi Osaka, (JP)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 300509 A2 890125 (Basic)

EP 300509 A3 901128

EP 300509 B1 941214

APPLICATION (CC, No, Date): EP 88111964 880725;

PRIORITY (CC, No, Date): JP 87186238 870724

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G09G-001/16

CITED PATENTS (EP A): EP 167332 A; US 4455554 A; US 3599178 A; EP 131321 A

ABSTRACT EP 300509 A2

A character and **graphics display** device for **displaying** character and **graphics** data which includes a receiving circuit (3) for deriving the character and graphics data from a signal carrying that data encoded therein, a memory (4) for storing the received data, a decoder circuit (32) for decoding the encoded data into suitable form for transfer to a display device, and a display memory (7) for temporarily storing this decoded data, further includes compression circuits (12, 13, 14) for converting the decoded data into a form whereby patterns represented by that data are **displayed** in compressed size. Pattern and **graphics** data can thereby be **displayed** together with other data such as a television picture, or a number of pages of the character and **graphics** data can be **displayed** simultaneously.

ABSTRACT WORD COUNT: 132

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890125 A2 Published application (A1with Search Report ;A2without Search Report)

Examination: 890125 A2 Date of filing of request for examination: 880725

Change: 901017 A2 Representative (change)

Change: 901024 A2 Representative (change)

Search Report: 901128 A3 Separate publication of the European or International search report

Examination: 921119 A2 Date of despatch of first examination report: 921006

Change: 940223 A2 Representative (change)

Grant: 941214 B1 Granted patent

Oppn: 951108 B1 Opposition 01/950914 Interessengemeinschaft fur Rundfunkschutzrechte GmbH  
Schutzrechtsverwertung & Co. KG; Bahnstrasse 62; D-40210 Dusseldorf; (DE)

\*Oppn: 960814 B1 Opposition (change) 01/950914  
Interessengemeinschaft fur Rundfunkschutzrechte GmbH Schutzrechtsverwertung & Co. KG; Bahnstrasse 62; D-40210 Dusseldorf; (DE)

Amended: 980902 B2 Maintenance of the European patent as amended

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS B	(English)	9836	732
CLAIMS B	(German)	9836	609
CLAIMS B	(French)	9836	860
SPEC B	(English)	9836	3685
Total word count - document A			0
Total word count - document B			5886
Total word count - documents A + B			5886

**Display apparatus capable of simultaneously displaying a television picture and a compressed display page of character and graphics data**

...ABSTRACT A2

A character and **graphics display** device for **displaying** character and **graphics** data which includes a receiving circuit (3) for deriving the character and graphics data from...

...for converting the decoded data into a form whereby patterns represented by that data are **displayed** in compressed size. Pattern and **graphics** data can thereby be **displayed** together with other data such as a television picture, or a number of pages of the character and **graphics** data can be **displayed** simultaneously. ...

...SPECIFICATION the teletext system has been put into practical application for domestic use, whereby character and **graphics** data concerning **news**, weather reports, **stock** market **conditions** etc. can be **displayed** by a home television receiver. The term "character and graphics data" as used herein signifies...

...a combination of these. Another system, called videotext has also been put into practice, in **which** the public **telephone** lines are **used** to transmit character and **graphics data** to be **displayed** on television receiver screens.

According to document EP-A-0 167 332 data are sent...

18/5,K/3 (Item 3 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
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00273567

**Display system for vehicle.**

**Anzeigesystem fur Fahrzeug.**

**Systeme d'affichage pour vehicule.**

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

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LEGAL REPRESENTATIVE:

Atchley, Martin John Waldegrave, IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 272877 A2 880629 (Basic)  
 EP 272877 A3 910502

APPLICATION (CC, No, Date): EP 87311087 871216;

PRIORITY (CC, No, Date): US 945053 861222

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/50;

CITED PATENTS (EP A): FR 2578067 A



# CITED REFERENCES (EP A):

IEEE SPECTRUM, vol. 12, no. 6, June 1975, pages 73-77, IEEE, New York, US; R.K. JURGEN: "The microprocessor: in the driver's seat?"  
 PROCEEDINGS OF THE IEEE 1978 NATIONAL AEROSPACE AND ELECTRONICS  
 CONFERENCE NAECOM 78, Dayton, 16th - 18th May 1978, vol. 1, pages 2-12,  
 IEEE, New York, US; E.L. CLOUD et al.: "Modular missionization systems  
 (MMS), an adaptive system interface concept";

## ABSTRACT EP 272877 A2

The invention relates to a display system for a vehicle of the type comprising a **display** unit for **displaying graphics** and text to an operator of the vehicle, touch switch entry means for entry of desired function information by the operator and generation of touch input signals, discrete switch entry means for entry of additional function information by the operator and generation of discrete signals, and a display controller for controlling the display system operations by selective partitioning of system functions.

According to the invention the display system is characterised in that the display controller comprises an input/output (I/O) channel, an interprocessor data link for transferring data and commands between data processors, a master microprocessor for issuing control signals and responding to control signals representative of selected system functions, storage means associated with the master microprocessor for storing master data and commands and a master control program to control master functions in the system, the master functions including control of **graphics** and text for **display** on the display unit in response to the touch switch means and the discrete switch means, and a slave microprocessor for issuing and responding to control and data signals involving communication with the master microprocessor via the input/output channel and the interprocessor data link, and storage means associated with the slave microprocessor for storing slave data and commands and a slave control program to control slave functions in the system, the slave functions including control and monitoring of communications internally within the display controller and externally by the display controller.

ABSTRACT WORD COUNT: 259

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 880629 A2 Published application (Alwith Search Report  
 ;A2without Search Report)  
 Examination: 881221 A2 Date of filing of request for examination:  
 881022  
 Search Report: 910502 A3 Separate publication of the European or  
 International search report  
 Withdrawal: 930303 A2 Date on which the European patent application  
 was withdrawn: 930107

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	561
SPEC A	(English)	EPABF1	7768
Total word count - document A			8329
Total word count - document B			0
Total word count - documents A + B			8329

...ABSTRACT The invention relates to a display system for a vehicle of the type comprising a **display** unit for **displaying graphics** and text to an operator of the vehicle, touch switch entry means for entry of...

...control program to control master functions in the system, the master functions including control of **graphics** and text for **display** on the display unit in response to the touch switch means and the discrete switch...

...SPECIFICATION reconfigurable hardware and software, allowing a broad range of applications in different model automobiles.

The **display** system has electronic circuitry to allow it to be programmed to **display** monochrome or colour **graphics** and **text** on an all-points-addressable **display** device such as a Cathode Ray Tube (CRT) or an Electro-Luminescent (EL) Flat Panel...

...via a reconfigurable switch system (RSS), such as an Infrared Touch Panel or Mylar (Registered Trade Mark ) Touch Switch Matrix mounted over the face of the display device. In addition, external discrete...

18/5,K/4 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00828867

**METHODS AND APPARATUS FOR VIEWING INFORMATION IN VIRTUAL SPACE**  
**PROCEDE ET APPAREIL POUR VISUALISER DES INFORMATIONS DANS UN ESPACE VIRTUEL**  
Patent Applicant/Assignee:

GEOPHOENIX INC, 52 Trowbridge Street, Cambridge, MA 02139, US, US  
(Residence), US (Nationality)

Inventor(s):

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GUZMAN Adriana, 305 Memorial Drive, Cambridge, MA 02139, US,

Legal Representative:

MIRANDA David G (agent), Testa, Hurwitz & Thibeault, LLP, High Street  
Tower, 125 High Street, Boston, MA 02110, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200161456 A2 20010823 (WO 0161456)  
Application: WO 2001US4772 20010214 (PCT/WO US0104772)  
Priority Application: US 2000182326 20000214; US 2000182368 20000214; US  
2000240287 20001013; US 2000249417 20001116

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-003/033

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 28096

English Abstract

The invention provides method and apparatus for viewing information. In one embodiment, the system of the invention enables the user to view displayed information in a way that is comparable to a selected physical paradigm. Example physical paradigms include, but are not limited to, financial, educational, governmental, sports media, retail, travel, geographic, real estate, medical, physiological, mechanical, surveillance, agricultural, industrial, infrastructure, scientific and other like paradigms. By presenting information to the user in a way that more closely mimics physical paradigms, the system provides an intuitive mechanism for the user to view, search through and interact with displayed information in an unrestricted manner. In another embodiment, the appearance is a graphical representation of one or more data objects, related to other data objects through hierarchical relationship defined by one or more templates. As the user adjusts perspective, the appearance changes in a seemingly continuous non-discrete manner.

French Abstract

L'invention concerne un procede et un appareil pour visualiser des informations. Dans un mode de realisation, le systeme de l'invention permet a l'utilisateur de visualiser les informations affichees pratiquement de la meme maniere qu'un paradigme physique selectionne. Les paradigmes physiques selectionnes comprennent, de facon non limitative, celles se rapportant aux finances, l'education, la fonction publique, le sport, les medias, la vente au detail, le tourisme, la geographie,

l'immobilier, la medecine, la physiologie, la mecanique, la surveillance, l'agriculture, l'industrie, les infrastructures, la science et similaires. En presentant les informations a l'utilisateur d'une maniere qui imite fidelement les paradigmes physiques, le systeme cree un mecanisme intuitif qui permet a l'utilisateur de visualiser les informations affichees, d'y faire des recherches et d'interagir avec elles sans aucune limitation. Dans un autre mode de realisation, l'aspect exterieur se presente comme une representation graphique d'un ou de plusieurs objets de donnees, lies a d'autres objets de donnees par un rapport hierarchique defini par un ou plusieurs modeles. A mesure que l'utilisateur regle la perspective, l'aspect exterieur change d'une facon que l'utilisateur percoit comme continue et non discrete.

Legal Status (Type, Date, Text)

Publication 20010823 A2 Without international search report and to be republished upon receipt of that report.

Examination 20011206 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

English Abstract

...search through and interact with displayed information in an unrestricted manner. In another embodiment, the **appearance** is a **graphical** representation of one or more data objects, related to other data objects through hierarchical relationship...

Detailed Description

... system 1 00 transmits and stores images in two formats. The two formats are raster **graphic** appearances and vector **graphic** appearances. The **trade** -off between the two is that raster **graphic** appearances provide more detail while vector **graphic** appearances require less information. In one embodiment, raster...

...of information is needed to define data objects that are rendered in a large client **display** area.

In another embodiment, the raster **graphic** appearances, which require large size data appearances and text, which require a smaller size data word than raster **graphic** appearances, to define the appearance of data objects. Vector **graphic** appearances define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates. A rectangle...

18/5,K/5 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00794341 \*\*Image available\*\*

DISPLAYING INFORMATION RELATING TO SECURITIES

AFFICHAGE D'INFORMATIONS SUR DES TITRES

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200127843 A1 20010419 (WO 0127843)  
Application: WO 2000US28197 20001012 (PCT/WO US0028197)  
Priority Application: US 99417514 19991013; US 99159172 19991013  
Parent Application/Grant:  
Related by Continuation to: US 99417514 19991013 (CIP); US 99159172  
19991013 (CIP); US Not furnished (CIP)  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G06F-017/60  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 10384

#### English Abstract

A **graphical** user interface (GUI) **displays** information (62) that relates to a transaction in a security. The information includes an identifier (65) that corresponds to the security, the transaction performed with respect to the security, a number of shares (90) of the security involved in the transaction, and a price (81) of the security in the transaction. Different prices are displayed in different colors.

#### French Abstract

Cette invention concerne une interface graphique utilisateur (GUI) permettant d'afficher (62) une transaction portant sur des titres. L'information, qui comprend un identifiant de titre (65), porte sur la transaction relative audit titre, sur le nombre de parts (90) du titre concernées par la transaction et sur le prix (81) du titre ayant fait l'objet de la transaction. Des prix différents apparaissent dans des couleurs différentes.

#### Legal Status (Type, Date, Text)

Publication 20010419 A1 With international search report.  
Publication 20010419 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.  
Examination 20010920 Request for preliminary examination prior to end of 19th month from priority date  
Correction 20011115 Corrected version of Pamphlet front pages: revised abstract received by the International Bureau after completion of the technical preparations for international publication  
Republication 20011115 A1 With international search report.

Fulltext Availability:  
Detailed Description

#### English Abstract

A **graphical** user interface (GUI) **displays** information (62) that relates to a transaction in a security. The information includes an identifier...

#### Detailed Description

... data feed 19 and execute transactions  
for displayed stocks. Quote profiler window 62 may be **displayed** automatically at login or it may be selected from a menu/toolbar of GUIs (not shown).

**Quote** profiler window 62 includes an entry field 65 for entering a **stock identifier**, such as MSFT ( **shown** ) -- the

identifier for MicrosoftO. After the stock is entered,  
trading code 36 displays a button 67 for the stock. Eight  
(or more) such buttons 69...

18/5,K/6 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00788787 \*\*Image available\*\*

**DIGITAL MEDIA FRAME**

**TRAME DE SUPPORT NUMERIQUE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200122297 A1 20010329 (WO 0122297)

Application: WO 2000US26108 20000922 (PCT/WO US0026108)

Priority Application: US 99405523 19990923

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-013/14

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9003

English Abstract

A method and a device for **displaying images** on a digital media frame (714) is disclosed. The interface circuit (706) has at least one receiving port capable of identifying various types of networking protocols (718) that are used to transfer the image data. The digital media frame further contains a user input device (712), which allows a user to alter the **image display** sequence.

French Abstract

L'invention concerne un procede et un dispositif destines a afficher des images sur une trame de support numerique (714). Le circuit d'interfacage (706) comporte au moins un port recepteur capable d'identifier divers types de protocoles reseau (718) utilises pour le transfert des donnees d'image. Cette trame de support numerique comprend egalement un element d'entree utilisateur (712) permettant a un utilisateur de modifier la sequence d'affichage des images.

Legal Status (Type, Date, Text)

Publication 20010329 A1 With international search report.

Examination 20010809 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:

Detailed Description

English Abstract

A method and a device for **displaying images** on a digital media frame (714) is disclosed. The interface circuit (706) has at least...

...frame further contains a user input device (712), which allows a user to alter the **image display** sequence.

#### Detailed Description

... embodiment of a DMF architecture 800. DMF 802 includes an information mode 804 and a **picture** mode 850. Information mode 804 **displays** informational data, such as **stock trading news**. **Picture** mode 850 **displays** a sequence of **pictorial images** that are previously received and stored in the memory. Information mode 804 further contains a...

18/5,K/7 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00773692

#### METHODS AND APPARATUS FOR PRESENTATION OF MULTIMEDIA INFORMATION IN CONJUNCTION WITH BROADCAST PROGRAMMING PROCEDES ET DISPOSITIF PERMETTANT LA PRESENTATION D'UNE INFORMATION MULTIMEDIA CONJOINTEMENT A UNE PROGRAMMATION DIFFUSEE

Patent Applicant/Assignee:

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TROVATO Karen I, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

SCHMITZ Herman J R (agent), Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200106770 A1 20010125 (WO 0106770)

Application: WO 2000EP6369 20000705 (PCT/WO EP0006369)

Priority Application: US 99353987 19990715

Designated States: JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: H04N-005/445

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6395

#### English Abstract

Additional multimedia information is determined and presented in conjunction with broadcast programming, based on at least one of: i) content information associated with the broadcast program, and ii) profile information for one or more viewers. The additional information may be, e.g., retrieved over a network connection established with a remote server or other remote information source, or from a memory or other storage device at the viewer location. In accordance with the invention, a characteristic of the additional information varies in accordance with the content and/or profile information. For example, the additional information may include a **display** border with text, **image**, audio or video information that is presented in conjunction with a video image associated with the broadcast program.

#### French Abstract

L'invention concerne un procede permettant de determiner et de presenter une information multimedia additionnelle conjointement a une programmation radiodiffusee. Cette information additionnelle est determinee en fonction (i) d'une information de contenu associee au programme diffuse, et/ou (ii) d'une information relative au profil d'un ou de plusieurs spectateurs. L'information additionnelle peut etre p. ex. extraite par l'intermediaire d'une connexion de reseau avec un serveur distant ou une autre source d'information distante, ou a partir d'une memoire ou d'un autre dispositif de memorisation se trouvant sur le site du spectateur. Une caracteristique de cette information additionnelle varie en fonction du contenu et/ou d'une l'information relative a un profil. Ainsi l'information additionnelle peut comprendre une bordure

d'affichage comprenant une information texte, image, audio ou video presentee conjointement a une image video associee au programme de diffusion.

Legal Status (Type, Date, Text)

Publication 20010125 A1 With international search report.

Publication 20010125 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

Rev Srch Rpt 20010621 Late publication of revised international search report

Republication 20010621 A1 With international search report.

Fulltext Availability:

Detailed Description

English Abstract

...with the content and/or profile information. For example, the additional information may include a **display** border with text, **image**, audio or video information that is presented in conjunction with a video image associated with...

Detailed Description

... In accordance with a further aspect of the invention, the additional information may include **text**, **image** or video **display** screens which are presented to **viewers** in a channel change transition. For example, in a channel change transition from a first...

...the second program, such that the transition between the programs is softened. The sequence of **images** could alternatively include **textual** information regarding the second program and second channel, as well as additional **text**, **image**, audio or video information determined in accordance with 1 5 **viewer** profile information, such as time, date, local or national weather, **stock quotes**, etc.

This additional **text**, **image** or video information may include an indication, based on the profile information, of at...

18/5,K/8 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761422

**BUSINESS ALLIANCE IDENTIFICATION**

**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

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Legal Representative:

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073928 A2-A3 20001207 (WO 0073928)

Application: WO 2000US14375 20000524 (PCT/WO US0014375)

Priority Application: US 99320816 19990527

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DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G06F-017/60  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 149371

English Abstract

A system, method and article of manufacture are provided for identifying alliances among a plurality of business entities in components of a network framework. First, alliances are identified among a plurality of business entities in terms of components of a current network framework. Next, a **pictorial** representation is **displayed** of the current network framework and the components. The alliances are then conveyed by indicia coding the components of the current network framework in which the alliances exist.

French Abstract

La presente invention concerne un systeme, un procede et un article de production permettant d'identifier les alliances au sein d'un groupe de plusieurs entites commerciales en terme de composants d'un cadre de reseau. Tout d'abord, les alliances sont identifiees parmi un groupe de plusieurs entites commerciales en terme de composants d'un cadre de reseau en cours. Ensuite, une representation graphique du reseau en cours et des composants est affichee. Les alliances sont alors acheminees en codant les composants du cadre de reseau en cours dans lequel les alliances existent avec des marques.

Legal Status (Type, Date, Text)

Publication 20001207 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010301 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20010525 Late publication of international search report  
Republication 20010525 A3 With international search report.

Fulltext Availability:  
Detailed Description

English Abstract

...plurality of business entities in terms of components of a current network framework. Next, a **pictorial** representation is **displayed** of the current network framework and the components. The alliances are then conveyed by indicia...

Detailed Description

... the processing ability of the CPU, parallelism, and pipelining. The tools can be used to **graphically** depict system complexity, from which a performance model can be derived.

d) Is the programming...

18/5,K/9 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00757061 \*\*Image available\*\*

INTERACTIVE PRINT JOB DISPLAY SYSTEM AND METHOD  
SYSTEME ET PROCEDE D'AFFICHAGE D'IMPRESSION INTERACTIF

Legal Representative:

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One Financial Center, Boston, MA 02111, US  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200070436 A1 20001123 (WO 0070436)  
Application: WO 2000US12923 20000511 (PCT/WO US0012923)



Priority Application: US 99311918 19990514

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-003/00

International Patent Class: G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6065

#### English Abstract

An interactive **image display** system (20) for **displaying** a printed article as it will appear when printed. It includes a user interface component (30), to accept information from a user for producing the printed article, and to provide a graphic **image** representing the printed article for **display** to the user; a **graphic** layout component (52), to process the information and produce a graphic description file (58), which is usable for a batch printing process; and an image producing component (60), to process the graphic description file and produce the graphic image. The user interface component maintains the information from the user, allowing the user to modify a part of the information in order to view changes in the displayed printed article. This maintained information is also used for producing and displaying a different printed article, and also for ultimately preparing and running the print job for the user. The graphic layout component processes both the **images** for **display** to the user and the **graphic** description file for the print job, thereby guaranteeing that the user views exactly what the printed item will look like. A background image resembling the material to be printed on provides a complete picture. The present invention is well suited for use at an interactive web site allowing users to access it over the Internet, and design and order printed materials such as business cards, wedding invitations, and bar mitzvah invitations.

#### French Abstract

La presente invention concerne un systeme d'affichage d'images interactif (20) pour l'affichage d'un produit imprime tel qu'il apparaitra lorsqu'il sera imprime. Il comprend un composant d'interface-utilisateur (30), pour recevoir l'information fournie par l'utilisateur pour la realisation du produit imprime, et fournir une image graphique representant le produit imprime et l'afficher pour l'utilisateur; un composant de mise en page graphique (52), pour effectuer le traitement de l'information et produire un fichier de description graphique (28), utilisable dans un procede d'impression par lots; et un composant de production d'images (60), pour effectuer le traitement du fichier de description graphique et produire une image graphique. Le composant d'interface-utilisateur retient l'information fournie par l'utilisateur, permettant a l'utilisateur de modifier une partie de l'information afin de visualiser des modifications dans le produit imprime affiche. L'information ainsi retenue est aussi utilisee pour la production et l'affichage d'un produit imprime different, et eventuellement pour la preparation et le deroulement de l'impression pour l'utilisateur. Le composant de mise en page graphique effectue le traitement des images en vue de l'affichage pour l'utilisateur et du fichier de description graphique pour l'impression, assurant ainsi que l'utilisateur puisse visualiser exactement a quoi va ressembler le produit imprime. Une image de fond qui ressemble au document a imprimer fournit une image complete. L'invention est parfaitement appropriee pour une utilisation dans un site Web permettant aux utilisateurs de l'accéder sur l'Internet, et de concevoir et commander des documents imprimes tels des cartes professionnelles, des

cartes d'invitation a un mariage, et des invitations a une ceremonie de bar mitzva.

Legal Status (Type, Date, Text)

Publication 20001123 A1 With international search report.

Examination 20010412 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

English Abstract

An interactive **image display** system (20) for **displaying** a printed article as it will appear when printed. It includes a user interface component...

...accept information from a user for producing the printed article, and to provide a graphic **image** representing the printed article for **display** to the user; a **graphic** layout component (52), to process the information and produce a graphic description file (58), which...

...and running the print job for the user. The graphic layout component processes both the **images** for **display** to the user and the **graphic** description file for the print job, thereby guaranteeing that the user views exactly what the...

Claim

... File Print Job

Image Converter reads

Postscript File and produces

GIF file

GIF file is **displayed** to User,

GIF foreground, paper

**stock image** background

User places Order

**Text** and Layout information

Fig\* StoredwithOrderNumber

Internatit ..I llpplication No.

V;TERNATIONAL SEARCH REPORT

11("I...

18/5,K/10 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00748755 \*\*Image available\*\*

**SYSTEM OF CONSISTENT INTERNET WEB SITE BANNERS THAT PROVIDE PORTAL-LIKE FUNCTIONALITY**

**SYSTEME DE BANDEAUX POUR SITE WEB INTERNET HOMOGENE PROCURANT UNE FONCTIONNALITE DE TYPE PORTAIL**

Legal Representative:

LABARRE James A (agent), Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062171 A1 20001019 (WO 0062171)

Application: WO 2000US9306 20000407 (PCT/WO US0009306)

Priority Application: US 99128417 19990408

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-013/00

Publication Language: English

Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 7167

#### English Abstract

A party acquires long-term **banner display** rights on published web sites of other entities, in a manner so as to ensure full and continual control over the content, look, and functionality of the acquired banner space (24a). The Internet banner is multifunctional, utilizing menus (30), links (28) and similar user interface items, to operate as a portal to a variety of informational content and services, such as e-commerce, search engines, and the like. These services might be provided by the party which owns the banner space, or by third parties. The **banners** which **appear** in the spaces acquired from multiple publishing sites are organized into a networked system, to provide users with integrated and consistent access to the available services. The entity which provides the content and services through the banners can enter into arrangements with end users, to provide incentives for users to access the banners as well as enhance the users' experience.

#### French Abstract

Une partie acquiert des droits d'affichage a long terme de bandeaux sur des sites Web publies d'autres entites, de maniere a assurer le controle complet et continu sur le contenu, l'identite visuelle et la fonctionnalite de l'espace de bandeau ainsi acquis (24a). Le bandeau Internet est multifonctionnel et utilise des menus (30), des liens (28) et objets d'interface utilisateur analogues, afin de fonctionner comme un portail pour une variete de contenus et de services d'informations, par exemple, en tant que courrier electronique, moteurs de recherche et analogues. Ces services peuvent etre fournis par la partie possedant l'espace du bandeau ou par des tiers. Les bandeaux qui apparaissent dans les espaces acquis aupres de multiples sites de publication sont organisees en un systeme interconnecte en reseau, en vue de procurer aux usagers un acces integre et homogene aux services disponibles. L'entite fournissant le contenu et les services au moyen des bandeaux peut aboutir a des arrangements avec les usagers en vue de fournir a ceux-ci des mesures d'incitation leur permettant d'accéder aux bandeaux et d'accroître leur experience.

#### Legal Status (Type, Date, Text)

Publication	20001019	A1 With international search report.
Publication	20001019	A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20010215	Request for preliminary examination prior to end of 19th month from priority date
Correction	20010705	Corrections of entry in Section 1: under (22) replace "6 April 2000 (06.04.00)" by "7 April 2000 (07.04.00)"
Republication	20010705	A1 With international search report.

Fulltext Availability:  
Detailed Description

#### English Abstract

A party acquires long-term **banner display** rights on published web sites of other entities, in a manner so as to ensure...

...be provided by the party which owns the banner space, or by third parties. The **banners** which **appear** in the spaces acquired from multiple publishing sites are organized into a networked system, to...

Detailed Description  
... parties.

Similarly, if the hosting web page 60 pertains to financial information,

the banner 62 appearing on that page can refer to a banner site 64 of the banner party, which provides links to other sites 66 that display financial news, stock quotes, and the like. In all cases, however, the banners are branded with the identity of the banner party and present the same general look and feel, thereby providing a consistent user experience...

18/5,K/11 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00551313 \*\*Image available\*\*

SYSTEM AND METHOD FOR INTEGRATING ANIMATED GRAPHICAL ELEMENTS IN A SCROLLING DISPLAY WINDOW

INTEGRATION D'ELEMENTS GRAPHIQUES ANIMES DANS UNE FENETRE D'AFFICHAGE A DEFILEMENT ET SYSTEME A CET EFFET

Patent and Priority Information (Country, Number, Date):

Patent: WO 200014686 A1 20000316 (WO 0014686)

Application: WO 99US21209 19990909 (PCT/WO US9921209)

Priority Application: US 9899570 19980909

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06T-015/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12923

#### English Abstract

A system and method for displaying animated graphical elements, representing static text, and static and animated graphical elements, in a scrolling ticker. The ticker elements are mapped to an off screen buffer (106) which is larger than the ticker window, and a portion of the buffer, beginning at an offset point (116), is repeatedly copied to the ticker window. Concurrently, any animated graphical element mapped to the buffer is updated, if needed, with the next frame (114). Ticker element objects may include headline and advertisement data retrieved from remote sources, and stored in separate headline and add channel files. The ticker may be scrolled either horizontally or vertically.

#### French Abstract

La presente invention concerne un systeme et un procede se rapportant a l'affichage d'elements graphiques animes representant un element de texte statique, un element graphique statique, ou un element graphique anime dans une accroche a defilement. Les objets de l'element d'accroche sont cartographies dans une memoire tampon (106) exterieure a l'ecran plus grande que la fenetre de defilement de l'accroche. Une partie du tampon commençant a un point de decalage (116) se recopie en boucle dans la fenetre de defilement de l'accroche. En meme temps, tous les elements graphiques animes qui sont appliques dans le tampon sont eventuellement mis a jour au moyen de la trame suivante (114). Les objets de l'element d'accroche peuvent comporter des donnees de ligne de titre et d'annonces commerciales recuperees a partir de sources eloignees, et rangees dans des fichiers de canaux de lignes de titres separees et des fichiers de canaux d'annonces commerciales. L'affichage et le defilement de l'accroche peuvent se faire horizontalement ou verticalement.

SYSTEM AND METHOD FOR INTEGRATING ANIMATED GRAPHICAL ELEMENTS IN A SCROLLING DISPLAY WINDOW

Fulltext Availability:

Detailed Description

#### English Abstract

A system and method for **displaying** animated **graphical** elements, representing static text, and static and animated **graphical** elements, in a **scrolling ticker**. The ticker elements are mapped to an off screen buffer (106) which is larger than...

...portion of the buffer, beginning at an offset point (116), is repeatedly copied to the **ticker** window. Concurrently, any animated **graphical** element mapped to the buffer is updated, if needed, with the next frame (114). Ticker...

#### Detailed Description

... efficient.

However, this method is only applicable if there are no animated or dynamically generated **text** or **graphical** elements in the scrolling ticker.

In the preferred embodiment, each data element, i.e., a **headline**, advertisement **graphic**, etc., which is to be **displayed** is stored in memory as a discrete Ticker Element Object using oriented program techniques. Each...

...placed into the buffer. Specific object types may include, for example, Headline

Ticker Element Objects, **Stock** Quote Ticker Element Objects, and Animated

**Graphical** Ticker Element Object. There may also be specific types of ticker elements for Java, ActiveX...A second, vertical ticker is positioned to one side of the screen and used to **display** small data blocks, like **graphically** rendered **stock quotes**, as discussed above. As with a single ticker, a user may position the several tickers...

18/5,K/12 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00548145 \*\*Image available\*\*

#### MULTI-DISPLAY SYSTEMS

#### SYSTEMES DE VISUALISATION MULTIPLE

Patent and Priority Information (Country, Number, Date):

Patent: WO 200011518 A1 20000302 (WO 0011518)

Application: WO 99US18979 19990818 (PCT/WO US9918979)

Priority Application: US 98136895 19980819

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS

LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TU UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G03B-021/14

International Patent Class: G03B-021/56

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8859

#### English Abstract

An **image display** system included a multi-sided structure (100) that is associated with at least two image projectors (101, 102). The structure forms an enclosure wherein at least two of the sides (111, 113) have light transmissive portions. The image projectors may advantageously be disposed within the enclosure for projecting respective image beams on the light transmissive portions of the side. According to a preferred embodiment, at least a portion of each of the image beams intersect without interference.

#### French Abstract

L'invention concerne un systeme de visualisation d'images qui comprend une structure a plusieurs cotes (100) associee au moins a deux projecteurs d'images (101, 102). La structure forme une enceinte dans laquelle au moins deux des cotes (11, 113) ont des parties transmettant la lumiere. L'avantage est que les projecteurs d'images peuvent etre disposes dans l'enceinte, pour assurer la projection de leurs faisceaux d'images respectifs sur les parties des cotes considerees qui transmettent la lumiere. En mode de realisation prefere, on assiste au croisement d'au moins une partie de chacun des faisceaux, sans interferences.

#### Fulltext Availability:

Detailed Description

#### English Abstract

An **image display** system included a multi-sided structure (100) that is associated with at least two image...

#### Detailed Description

... top

surface to reduce glare from ambient light emanating from ceiling light fixtures at a **trade show** or convention - in other **words** , an **image** may be **viewed** by **viewers** beneath the system. In yet further embodiments, cameras, lighting fixtures or other audio or visual...

18/5,K/13 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00543718 \*\*Image available\*\*

#### REMOTE COMPUTER ACCESS

#### ACCES A UN ORDINATEUR ELOIGNE

Patent and Priority Information (Country, Number, Date):

Patent: WO 200007091 A1 20000210 (WO 0007091)

Application: WO 98IL349 19980727 (PCT/WO IL9800349)

Priority Application: WO 98IL349 19980727

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US

UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE

CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN

GW ML MR NE SN TD TG

Main International Patent Class: G06F-003/00

Publication Language: English

#### Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 26782

#### English Abstract

A computer may be remotely accessed. At a first location, display commands are generated. The display commands are covered into a compressed video data stream. Each display element (50) is checked if it is encoded (52). If object is encoded, it is transcribed into MPEG (54). The **image** is adjusted for **display** (56) and compression (58). Additional steps of motion determination (60), change detection (62), compression depth and frame rate determination (66, 68) are executed. Then the data is transmitted to a second location. The display commands are decompressed and **displayed** as an **image** at the second location.

#### French Abstract

Il est possible d'acceder a distance a un ordinateur. Au niveau d'un premier emplacement, des commandes d'affichage sont generees. Lesdites commandes d'affichage sont traitees sous forme de train de donnees video comprimees. Il est verifie si chaque element d'affichage (50) est code

(52). Si l'objet est code, il est transcrit en MPEG (54). L'image est ajustee pour affichage (56) et compression (58). D'autres operations de determination de mouvement (60), de detection de changement (62), de determination de profondeur de compression et de debit de trames (66, 68) sont executees. Les donnees sont ensuite transmises a un deuxieme emplacement. Les commandes d'affichage sont decomprimees et affichees sous forme d'image au niveau du deuxieme emplacement.

Fulltext Availability:

Detailed Description

English Abstract

...it is encoded (52). If object is encoded, it is transcribed into MPEG (54). The **image** is adjusted for **display** (56) and compression (58). Additional steps of motion determination (60), change detection (62), compression depth...

...Then the data is transmitted to a second location. The display commands are decompressed and **displayed** as an **image** at the second location.

Detailed Description

... In a preferred embodiment of the invention, a plurality of modifiable parameters are available for **trading** off **image** quality and bandwidth. Each of these parameters may have a range in which the image...

...the quality is significantly degraded. In addition, different parameters may have different effects for different **images** types. For example, the frame rate is not very important when **viewing text**, but it is very important when playing a computer game. The parameters which can be...

18/5,K/14 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00500247 \*\*Image available\*\*

METHOD FOR MAKING PRODUCTS HAVING MERGED IMAGES

PROCEDE DE PRODUCTION DE PRODUITS PRESENTANT DES IMAGES FUSIONNEES

Patent and Priority Information (Country, Number, Date):

Patent: WO 9931599 A1 19990624

Application: WO 98US26516 19981214 (PCT/WO US9826516)

Priority Application: US 97990688 19971215; US 9874384 19980211

Designated States: CA CN JP KR MX AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-015/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8093

English Abstract

A new method for making display products (152) that generate special visual effects with autostereographic, **dynamic**, alternating, animated, and morphed **images** used in conjunction with lenticulated arrays for marketing and informational purposes. The special imaging effects, which can be integrated with discrete lenticulated container structures for data storage media and other contents, are achieved by digitally sampling and formatting source images with resampling procedures and then generating a merged image file that serves as the digital input for color printers (122) or digital printing presses (120). The sampled images are printed on substrates along with registration lines or on preperforated stock preformatted for use with a corresponding lenticulated component. Afterwards, the images are separated from the substrate by either cutting them from the substrate using the printed registration lines (158) as guides or breaking them out along the preperforated lines.

French Abstract

On decrit un nouveau procede pour produire des produits de visualisation

(152) pouvant generer des effets visuels speciaux, au moyen d'images autostereographiques, dynamiques, alternees, animees et transformees, utilisees conjointement avec des reseaux lenticulaires a des fins de mise en valeur ou d'information. Les effets visuels speciaux, qui peuvent s'integrer a des structures de support lenticulaires discretes destines a des supports de donnees ou autres, sont obtenus par echantillonnage numerique et formatage d'images source realises au moyen de procedures d'echantillonnage repete, puis par production d'un fichier d'images fusionnees servant d'entree numerique pour des imprimantes couleur (122) ou des presses a imprimer numeriques (120). Les images echantillonnees sont imprimees sur des substrats en meme temps que des lignes de repere ou sur du papier perfore qui a ete preformate pour s'utiliser avec un element lenticulaire correspondant. Les images sont ensuite separees du substrat soit par decoupage suivant les lignes de repere imprimees (158) soit par rupture le long des lignes perforees.

Fulltext Availability:  
Detailed Description

#### English Abstract

A new method for making display products (152) that generate special visual effects with autostereographic, **dynamic**, alternating, animated, and morphed **images** used in conjunction with lenticulated arrays for marketing and informational purposes. The special imaging effects...

#### Detailed Description

... image to be used to assemble a final composite image; Fig. 10 is a diagrammatic **view** illustrating various image processing tools that can be used to format a resampled original **image** to compose what portion of it along with other **stock image** elements or **text** are to comprise the **image** contents to be used to populate one of the perspective **view** in the composite image; Fig. 11 is an exploded diagrammatic perspective view of a...

18/5,K/15 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00495348 \*\*Image available\*\*

#### DISPLAY DEVICE FOR AN EXERCISE APPARATUS

#### DISPOSITIF D'AFFICHAGE POUR APPAREIL D'EXERCICE

Patent and Priority Information (Country, Number, Date):

Patent: WO 9926700 A1 19990603

Application: WO 98GB3487 19981123 (PCT/WO GB9803487)

Priority Application: GB 9724726 19971121

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG

US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT

BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA

GN GW ML MR NE SN TD TG

Main International Patent Class: A63B-024/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 3739

#### English Abstract

An exercise apparatus such as a treadmill comprising a display (12), a display controller (11), and a user input (13), operably in communication with one another to enable the user to interact with prompts on the display, wherein the display controller (11) comprises a processor programmed to drive the display, and a memory for storing labelled screen objects representative of an image, such an alpha-numeric string, word or **logo**, for presentation on the **display** such that a screen object is selectable from the memory by the controller (11) using the label hence



enabling **display** of the **image** . The visual **image** of screen object can be changed, for example to enable use of different languages, whilst still retaining the same label for the screen object and hence the same processor program to drive the display. For example, the word "calories" in English can be changed to "Kalorien" in German, or "time" to "heure" in French, by changing the image data for a labelled screen object.

#### French Abstract

L'invention concerne un appareil d'exercice tel qu'un tapis roulant, cet appareil comprenant un dispositif d'affichage (12), un controleur d'affichage (11), et un dispositif d'entree utilisateur (13), ces elements etant en communication operationnelle les uns avec les autres de maniere a permettre a l'utilisateur d'interagir grace a des messages de guidage apparaissant sur le dispositif d'affichage. Le controleur d'affichage (11) renferme un processeur programme pour entrainer le dispositif d'affichage, et une memoire pour stocker les objets etiquetes qui s'affichent sur l'ecran pour représenter une image, par exemple une chaine, un mot, ou un logo alphanumerique, ces objets etant destines a etre representes sur le dispositif d'affichage de sorte que le controleur (11) peut choisir dans la memoire un objet a l'ecran grace a son etiquette, ce qui permet a l'image de s'afficher. L'image visuelle de cet objet a l'ecran peut etre modifiee, notamment pour permettre l'utilisation de differentes langues tout en conservant la meme etiquette pour ledit objet a l'ecran, et donc le meme programme de processeur pour commander le dispositif d'affichage. Ainsi, le mot anglais "calories" peut devenir "Kalorien" en allemand, et le mot "time" etre change en "heure" en francais, grace a une modification des donnees images a partir d'un objet a l'ecran etiquete.

#### Fulltext Availability:

Detailed Description

#### English Abstract

...storing labelled screen objects representative of an image, such an alpha-numeric string, word or **logo** , for presentation on the **display** such that a screen object is selectable from the memory by the controller (11) using the label hence enabling **display** of the **image** . The visual **image** of screen object can be changed, for example to enable use of different languages, whilst...

#### Detailed Description

... displayed as part of the screen object. For example, time can usefully be represented on **display** 12 as both a **word image** "time" as one screen object and five variable digits and two fixed components in the...

...be saved as a bit map in EPROM 32 to enable the display of the **image** including "Welcome to the POWERJOG (registered **Trade Mark** ) program selection" and so on.

Additionally screen objects can be superimposed on this background including...

...press button

26a to "select" the program. For example by selecting the program "POWERJOG (registered **Trade Mark** ) HILLS" the screen shown in Figure 5 can be displayed. Again a basic background **display** made up of a bit map can be used to provide the majority of the **image** and additional screen objects including the rectangles around different training programs and the three **words** . If a user selects the program "trailrun", then thiZ, **image** shown in Figure 6 will be **displayed** on display 12. The graphic representation of the different elevations for the treadmill shown at...

18/5,K/16 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00455366

**MEDIA WALL FOR DISPLAYING FINANCIAL INFORMATION**  
**MUR D'AFFICHAGE D'INFORMATIONS FINANCIERES**

Patent Applicant/Assignee:

THE NASDAQ STOCK MARKET INC,

Inventor(s):

APPLE Thomas,  
NOBLE Paul,  
FOOTEN John,  
KLEIN Andrew,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9845830 A1 19981015

Application: WO 97US5640 19970404 (PCT/WO US9705640)

Priority Application: WO 97US5640 19970404

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU GH KE  
LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G09F-027/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9955

English Abstract

A system **dynamically displays graphic identifier** information, such as corporate logos, and value information for financial instruments, such as recent trade information, on a video wall having several monitors arranged to form a larger display. The system has input ports to receive feeds with identifiers and corresponding values of financial instruments, a filter to extract the identifiers and corresponding values of the financial instruments, a memory to store the extracted information and a table associating the financial instrument identifiers with graphic symbols, and processors to form a **display** signal with the **graphic** symbols and values.

French Abstract

L'invention concerne un systeme qui affiche de maniere dynamique des identifiants graphiques, telles que des logos de societes et des informations sur les valeurs concernant des instruments financiers, tels que des informations recentes commerciales, sur un mur video presentant plusieurs ecrans disposes de maniere a former un affichage plus grand. Le systeme comporte des ports d'entree permettant de recevoir des signaux d'entree comportant les identifiants et les valeurs correspondantes d'instruments financiers, un filtre destine a extraire les identifiants et les valeurs correspondantes des instruments financiers, une memoire destinee a stocker les informations extraites et un tableau associant les identifiants d'instruments financiers aux symboles graphiques, ainsi que des processeurs destines a former un signal d'affichage avec les symboles graphiques et les valeurs.

Fulltext Availability:

Detailed Description

English Abstract

A system **dynamically displays graphic identifier** information, such as corporate logos, and value information for financial instruments, such as recent trade...

...a table associating the financial instrument identifiers with graphic symbols, and processors to form a **display** signal with the **graphic** symbols and values.

Detailed Description

Descriptio

MEDIA WALL FOR **DISPLAYING** FINANCIAL INFORMATION

Technical Field

This invention relates generally to the **display** of financial information using **graphic** symbols. More specifically, the invention relates to the use of firm or corporate **logos** instead of **textual** abbreviations to identify **securities** information in a ticker-type format or in the **display** of other trading information.

#### Background

Financial trading information displays are typically spartan. For example, tickers...

...about a particular issue or security.

One goal of this invention is to improve the **display** of financial information by identifying **securities** using their familiar corporate **logos** rather than **textual** abbreviations.

Another goal of this invention is to **display** contextual financial information, such as historical information or information specific to a security or market...of a news window for the video wall in Figure 1; Figure 5 is a **picture** of a company **trading** history for the video wall in Figure 1; Figure 6 is a picture of a...

...a market activity display for the video wall in Figure 1; Figure 13 is a **picture** of a **trading** summary display for the video wall in Figure 1; Figure 14 is a **picture** of a **trading** room window for the video wall in Figure 1; Figure 15 is a picture of a **display** of the most active issues for the video wall in Figure 1; Figure 16 is a **picture** of an issue **quote** activity **display** for the video wall in Figure 1; Figure 17 is a **picture** of a summary **display** for the video wall in Figure 1; Figure 18 is a **picture** of an issue **trading** activity display for the video wall in Figure 1; Figure 19A is a picture of...Figure 19D is a picture of a display showing an IPO flag to provide a **graphic** introduction for an IPO's first **trade** Figure 19E is a **picture** of a display showing a new high issue price or volume; Figure 19F is a...

...of a display highlighting unusual price or volume changes when they occur during real-time **trading** ; Figure 19G is a **picture** of a display showing new highs for an index or its volume as they occur during real-time **trading** ; Figure 19H is a **picture** of a display showing when the value of an index changes significantly during real-time...display 1800 showing real-time trading activity for a particular issue or group of issues. **Display** 1800, which may also be interactive, **graphically displays** the activity of market makers as they **quote** and **trade** those issues. In addition, **display** 1800 highlights the market maker inventory orders and public orders and shows the pricing dynamics...

18/5,K/17 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00369376

#### READING AID

#### AIDE A LA LECTURE

Patent Applicant/Assignee:

CHARON HOLDINGS PTY LTD,  
EDGAR Mark Andrew,

Inventor(s):

EDGAR Mark Andrew,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9709704 A1 19970313

Application: WO 96AU552 19960904 (PCT/WO AU9600552)

Priority Application: AU 955204 19950904

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI  
GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD  
SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G09B-017/04

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15630

#### English Abstract

A system (11) for presenting textual and/or graphical information for reading. The system includes a visual display unit (15) for **displaying** the textual and/or **graphical** information within a general layout screen, a microcomputer including processing means (13) to receive the textual and/or graphical information in an electronically encoded form and process the same for presentation on the visual display unit (15). A computer program (19) is provided for controlling the presentation of the textual and/or **graphical** information on the visual **display** unit (15) in a prescribed manner. A keyboard and mouse input (17) is included for inputting control signals to operate the processing means (13) and the computer program (19) or for altering control parameters of same. The computer program (19) sequentially locates discrete and successive portions of the textual and/or graphical information at the same position on the layout screen at a prescribed blanking time apart, each portion being displayed at this position for a prescribed display time. The general layout screen is divided into a browser pane (37) for displaying a block of textual and/or graphical information to be presented and a flash pane (39), within which the position for sequentially locating the discrete and successive portions of the textual and/or graphical information is centrally situated.

#### French Abstract

Cette invention concerne un systeme (11) de presentation d'informations de type texte et/ou graphique, destine a la lecture. Ledit systeme comporte une unite de visualisation (15) qui permet d'afficher les informations de type texte et/ou graphique a l'interieur d'un ecran de presentation, un micro-ordinateur incorporant un organe de traitement (13) qui recoit les informations de type texte et/ou graphique sous une forme codee electroniquement et qui traite ces informations en vue de leur affichage sur l'unite de visualisation (15). On dispose d'un programme informatique (19) pour gerer la presentation des informations de type texte et/ou graphique sur l'unite de visualisation (15) suivant certaines specifications. Le systeme inclut un clavier et une souris (17) qui permettent d'entrer des signaux de commande destines a l'organe de traitement (13) et au programme informatique (19) ou qui permettent de modifier certains de leurs parametres de commande. Le programme informatique (19) localise sequentiellement des portions distinctes et successives des informations de type texte et/ou graphique se trouvant au meme endroit sur l'ecran de presentation a des instants separes d'une duree d'occultation preetablie, chacune de ces portions etant affichee a cet endroit pendant un temps d'affichage preetabli. L'ecran de presentation generale est divisee en une sous-fenetre de balayage (37) servant a l'affichage d'un bloc d'informations de type texte et/ou graphique devant etre presentees et en une sous-fenetre eclair (39), au centre de laquelle se trouve l'emplacement reserve a la localisation sequentielle des portions distinctes et successives des informations de type texte et/ou graphique.

Fulltext Availability:

Detailed Description

#### English Abstract

...and/or graphical information for reading. The system includes a visual display unit (15) for **displaying** the textual and/or **graphical**

information within a general layout screen, a microcomputer including processing means (13) to receive the...

...A computer program (19) is provided for controlling the presentation of the textual and/or **graphical** information on the visual **display** unit (15) in a prescribed manner. A keyboard and mouse input (17) is included for...

#### Detailed Description

##### ... CARRYING OUT THE INVENTION

The embodiment is directed towards a system and method for presenting **textual** and/or **graphical** information for reading using a modern microcomputer system running a multitasking windowing **graphical** user interface of the type known as WINDOWS (registered **trade mark** ).

As **shown** in figure 1 of the drawings, the system 1 1 generally comprises a processing means...

18/5,K/18 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00129125 \*\*Image available\*\*

#### VIDEO DISK APPARATUS PROVIDING ORGANIZED PICTURE PLAYBACK

#### APPAREIL A DISQUE VIDEO POUR LA RESTITUTION ORGANISEE D'IMAGES

Patent and Priority Information (Country, Number, Date):

Patent: WO 8601631 A1 19860313

Application: WO 85US1551 19850819 (PCT/WO US8501551)

Priority Application: US 8496 19840824; US 8497 19840824

Designated States: DE FR GB JP NL

Main International Patent Class: G11B-027/00

International Patent Class: G11B-17:22; G11B-17:28; G11B-27:10

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16296

#### English Abstract

A video disk player reproduces a series of still pictures prerecorded on a plurality of video disks contained in a removable magazine (2). Supported alongside the magazine is an erasable, non-volatile memory (5) for containing data related to the pictures. The memory (5) is locked alongside the magazine (2) when outside the player. When inserted into the player, the memory is detached from the magazine and connected into the player circuit (7A). The player is used to generate picture file data prescribing an organized arrangement for **viewing** the **pictures**, including data pertaining to the assignment of pictures into one or more albums, the arrangement of the viewing order, the establishment of automated viewing times, the addition of text, and the like. The picture file data is stored in the non-volatile magazine memory (5). To view an album, the magazine (2) is inserted into the player and the magazine memory (5) is connected into the player circuit (7A). An album is chosen by reference to the stored picture file data.

#### French Abstract

Lecteur de disques video reproduisant un ensemble d'images statiques pre-enregistrees sur un certain nombre de disques video contenus dans un chargeur amovible (2). A cote du chargeur se trouve une memoire non volatile (5) pour stocker les donnees relatives aux images. La memoire (5) est bloquee a cote du chargeur (2) lorsqu'elle se trouve en dehors du lecteur. Quand elle est inseree dans le lecteur, la memoire est detachee du chargeur et reliee au circuit du lecteur (7A). Le lecteur est utilise pour generer des donnees du fichier d'images, qui specifie une disposition organisee pour le visionnement des images, avec des donnees concernant l'affectation des images dans un ou plusieurs albums, la disposition de la sequence de visionnement, l'etablissement du temps de

visionnement automatise, l'adjonction de textes et ainsi de suite. Les donnees du fichier sont stockees dans la memoire non volatile du chargeur (5). Pour visionner un album on insere le chargeur (2) dans le lecteur et la memoire du chargeur (5) est connectee au circuit du lecteur (7A). On choisit un album en se referant aux donnees du fichier d'images.

Fulltext Availability:  
Detailed Description

English Abstract

...7A). The player is used to generate picture file data prescribing an organized arrangement for **viewing** the **pictures**, including data pertaining to the assignment of pictures into one or more albums, the arrangement...

Detailed Description  
... the dedicated  
disk.

It is also recognized that certain limitations in use of the video **picture** file as 'described herein are due to **trade** offs between cost and storage capacity, between user simplicity and complex capabilities and options, and...

...operating  
2) 5  
system  
FWD/REV Magazine (or frame) forward  
or magazine (or frame)  
reverse  
**GRAPHICS** **SIGNAL** **Text** and background color  
for TV **display**  
INPUT REQUEST Mask **showing** byte value for  
acceptable input selections  
NAMES DEFINITIONS  
MAGAZINE DATA Data from/to magazine  
memory...

18/5,K/19 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00129113 \*\*Image available\*\*

**METHOD FOR EDITING VIDEO STILL PICTURES**

**METHODE POUR LE MONTAGE D'IMAGES VIDEO STATIQUES**

Patent and Priority Information (Country, Number, Date):

Patent: WO 8601619 A1 19860313

Application: WO 85US1550 19850819 (PCT/WO US8501550)

Priority Application: US 84166 19840824; US 8499 19840824

Designated States: DE FR GB JP NL

Main International Patent Class: G06F-015/40

International Patent Class: H04N-01:21

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12427

English Abstract

A method for establishing an electronic picture file composed of pictures prerecorded on a plurality of video disks that are disposed in a multi-disk video player. The arrangement and content of the picture file is determined by an editing procedure that specifies a plurality of attributes, such as image category, **picture** order, time allotted for **viewing** each **picture**, text to accompany each picture, and the like. The task of specifying these attributes is made manageable by

partitioning the editing procedure into several levels, each level standing alone and undertaken separately as a complete, but simplified, editing procedure that produces an edited **picture** file ready for viewing .

#### French Abstract

Methode pour creer un fichier a base d'images electroniques, compose d'images pre-enregistrees sur un certain nombre de disques video situes dans un lecteur video multidisque. La disposition et le contenu du fichier d'images sont determines par une procedure de montage qui specifie un ensemble de caracteristiques, telles que categorie d'image, sequence d'images, temps imparti pour la visualiation de chaque image, texte d'accompagnement, etc. La gestion de la tache consistant a specifier ces caracteristiques est rendue facile par la division de la procedure de montage en plusieurs niveaux, dont chacun existe individuellement et est traite separement dans le cadre d'une procedure de montage complete mais simplifiee qui permet d'obtenir un fichier d'images pret a visionner.

#### Fulltext Availability:

Detailed Description

#### English Abstract

...determined by an editing procedure that specifies a plurality of attributes, such as image category, **picture** order, time allotted for viewing each **picture** , text to accompany each picture, and the like. The task of specifying these attributes is...

...alone and undertaken separately as a complete, but simplified, editing procedure that produces an edited **picture** file ready for viewing .

#### Detailed Description

... structured systems design,

It is also recognized that certain limitations in use of the video **picture** file as described herein are due to **trade** offs between cost and storage capacity, between user simplicity and complex capabilities and options, and...up file operating system

FWD/REV Magazine (or frame) forward .  
or magazine (or frame)  
reverse

**GRAPHICS** .SIGNAL. **Text** and background color  
for TV **display**  
INPUT REQUEST Mask **showing** byte value for  
acceptable input selections  
MAGAZINE DATA Data from/to remote  
memory on the...

?

Set	Items	Description
S1	475150	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	12661	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	288485	TEXT OR TEXTS OR TEXTUAL? OR WORD? OR NEWS OR QUOTE OR QUO- TES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	890491	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	106437	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	18508	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	214642	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ER?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR CRAWL? OR NEWS CRAWL? OR TEXTSCOLL? OR NEWS SCROLL?
S8	23741	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	20244	S1-S2(5N)S3
S10	831	S9(S)S5-S6
S11	147	S10(S)S7
S12	10	S10(S)S8
S13	77	S10(S)S7(5N)S1-S2
S14	5	S13 AND (S7(5N)S1-S2)/TI,AB
S15	15	S12 OR S14
S16	110	S8(S)S1-S2(10N)S3(5N)S4
S17	19	S16 AND (S1-S2(5N)(S4 OR S7))/TI,AB
S18	19	S17 NOT S15
S19	11297	S1-S2(5N)S7
S20	103	S19(S)S3(S)S5-S6
S21	6	S20 AND S19/TI,AB
S22	1	S21 NOT (S15 OR S18)

22/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00907974

# **SCROLL DISPLAY METHOD AND APPARATUS**

## **BILDVERSCHIEBUNGSVERFAHREN UND VORRICHTUNG**

## **TECHNIQUE D'AFFICHAGE A DEFILEMENT ET APPAREIL CORRESPONDANT**

### **PATENT ASSIGNEE:**

Avix Inc., (1582452), 1-1, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi,  
Kanagawa 236, (JP), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

### **INVENTOR:**

TOKIMOTO, Toyotaro, 200-30, Mutsuura-cho, Kanazawa-ku, Yokohama-shi,  
Kanagawa 236, (JP)

### **LEGAL REPRESENTATIVE:**

Charlton, Peter John (53121), Elkington and Fife Prospect House 8  
Pembroke Road, Sevenoaks, Kent TN13 1XR, (GB)

PATENT (CC, No, Kind, Date): EP 844598 A1 980527 (Basic)  
EP 844598 A1 990616  
WO 9744773 971127

APPLICATION (CC, No, Date): EP 97922076 970516; WO 97JP1655 970516

PRIORITY (CC, No, Date): JP 96126718 960522

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G09G-003/20; G09G-003/32; G09G-003/00;

CITED PATENTS (WO A): E A E; A E A

### **ABSTRACT EP 844598 A1**

A definite multiple color **image** of a large size is **scrolling**  
displayed with a small number of light emitting cells. A physical screen  
which includes sixteen (16) dots in one column and thirty (30) dots in  
one row is formed from ten (10) light emitting cell column sets Si (RCi,  
GCi, BCi) connected to each other like a belt. The physical screen is



regarded as an imaginary screen which includes sixteen (16) dots in one column and fifty seven (57) (= 30 + 3 x 9) dots in one row. When the red light emitting cell column RCi in a certain light emitting cell column set Si is controlled and driven with red data for a certain column (k) selected at intervals, the green light emitting cell column GCi is controlled and driven with green data for an adjacent column (k+1) to the selected column (k), and the blue light emitting cell column BCi is controlled and driven with blue data for a further adjacent column (k+2).

ABSTRACT WORD COUNT: 168

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980311 A1 International application (Art. 158(1))  
Application: 980527 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 980527 A1 Date of filing of request for examination:  
980115  
Search Report: 990616 A1 Drawing up of a supplementary European search  
report: 990504  
Change: 990616 A1 Obligatory supplementary classification  
(change)

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9822	1580
SPEC A	(English)	9822	8305
Total word count - document A			9885
Total word count - document B			0
Total word count - documents A + B			9885

...ABSTRACT A1

A definite multiple color **image** of a large size is **scrolling** displayed with a small number of light emitting cells. A physical screen which includes sixteen...

...SPECIFICATION arrangement pitch of the light emitting cell column sets S1 to S10 increases, in other **words**, if the number of assumed columns in the blank sections increases, then the viewability is...

...the total number of sets to increase the length of the screen and increasing the **scrolling** display speed, an **image** being **scrolled** can be visually recognized as intended, that is, in conformity with the dot density of...

...number more than ten (10). This has been confirmed through many experiments.

(B) Multiple Color **Display** by **Combination** of Red, Green, and Blue  
Description is given with reference to the table of FIG...

?

Set	Items	Description
S1	475150	LOGO? OR GRAPHIC? OR TRADEMARK? OR TRADE()MARK? ? OR IMAGE? ? OR ICON? OR PICTOGRAPH? OR PICTURE? OR IDENTIFIER? OR PICT- OGRAM? OR GLYPH?
S2	12661	INSIGNIA? OR BANNER? OR IDEOGRAM? OR IDEOGRAPH? OR PICTORI- AL
S3	288485	TEXT OR TEXTS OR TEXTUAL? OR WORD? OR NEWS OR QUOTE OR QUO- TES OR STOCKQUOTE? OR STOCKPRICE? OR HEADLINE?
S4	890491	DISPLAY? OR VIEW? OR APPEAR? OR SHOW?
S5	106437	S4(3N)(TOGETHER? OR INTEGRAT? OR COMBIN? OR CONCURREN? OR - SIMULTAN? OR SAME(1W)(TIME OR INSTANT?) OR COINSTANT? OR TAND- EM? OR COINCIDENT? OR ACCOMPAN?)
S6	18508	S4(3N)(CONCOMITANT? OR CONTEMPORA? OR INCORPORAT?)
S7	214642	TICKER? OR SCROLL? OR TELEGRAPH?(2N)(INSTRUMENT? OR RECEIV- ER?) OR DYNAMIC? OR STOCKTICKER? OR AUTOSCROLL? OR STREAM? OR CRAWL? OR NEWS CRAWL? OR TEXTSCOLL? OR NEWS CROLL?
S8	23741	S1-S2(10N)(STOCK? ? OR BOND? ? OR TRADE? ? OR TRADING OR S- ECURITIES OR INVESTMENT?)
S9	20244	S1-S2(5N)S3
S10	831	S9(S)S5-S6
S11	147	S10(S)S7
S12	10	S10(S)S8
S13	77	S10(S)S7(5N)S1-S2
S14	5	S13 AND (S7(5N)S1-S2)/TI,AB
S15	15	S12 OR S14
S16	110	S8(S)S1-S2(10N)S3(5N)S4
S17	19	S16 AND (S1-S2(5N)(S4 OR S7))/TI,AB
S18	19	S17 NOT S15
S19	11297	S1-S2(5N)S7
S20	103	S19(S)S3(S)S5-S6
S21	6	S20 AND S19/TI,AB
S22	1	S21 NOT (S15 OR S18)
S23	143	IC="G09F-027"
S24	0	S23 AND S11
S25	0	S23 AND S13
S26	2	S23 AND S16
S27	0	S23 AND S20
S28	2	S23 AND S10
S29	9	S23 AND S19
S30	10	(S26 OR S28 OR S29) NOT (S15 OR S18 OR S22)

?t30/5,k/all

30/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01276245

**Advertising method and system for mobile terminal**  
**Werbeverfahren und -vorrichtung für mobile Endeinrichtungen**  
**Methode et dispositif publicitaire pour terminal mobile**

PATENT ASSIGNEE:

NEC CORPORATION, (236690), 7-1, Shiba 5-chome, Minato-ku, Tokyo, (JP),  
(Applicant designated States: all)

INVENTOR:

Nihei, Katsumi, NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo,  
(JP)

LEGAL REPRESENTATIVE:

Patentanwalte Wenzel & Kalkoff (100766), Grubesallee 26, 22143 Hamburg,  
(DE)

PATENT (CC, No, Kind, Date): EP 1098289 A2 010509 (Basic)

APPLICATION (CC, No, Date): EP 250361 001028;

PRIORITY (CC, No, Date): JP 99314393 991104

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G09F-027/00

ABSTRACT EP 1098289 A2

The mobile terminal included in the advertising system of the present

invention receives an electronic advertising distributed from a center. The mobile terminal comprises; an advertising database that receives and stores a plurality of advertising data; a presentation unit that presents the advertising data to a user; a time obtaining unit that obtains the current time; a location obtaining unit that obtains the current location of the mobile terminal; a stay detection unit that detects the advertising data that the user has visited from the advertising database by using the information from the time obtaining unit and the location obtaining unit as parameters, and that outputs the result as advertising effect data; an advertising effect database that stores the advertising effect data output from the visit advertising detecting unit; and an advertising effect transmission unit that transmits to the advertising center the advertising effect data output from the visit advertising detecting unit.

ABSTRACT WORD COUNT: 153

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010509 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200119	1034
SPEC A	(English)	200119	4428
Total word count - document A			5462
Total word count - document B			0
Total word count - documents A + B			5462

INTERNATIONAL PATENT CLASS: G09F-027/00

...SPECIFICATION a restaurant, a museum, an amusement park, a department store, etc. by using a still image, a dynamic image, sound, a text, and a character. In the example shown in Fig. 4, the content...

30/5,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01128185

Communications device with user proximity detection

Kommunikationseinrichtung mit Benutzernaherungsdetektion

Dispositif de communication avec detection de la proximite de l'utilisateur

PATENT ASSIGNEE:

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Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

Cleary, Fidelma et al (85871), International IP Department NCR Limited  
206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 986213 A2 000315 (Basic)

EP 986213 A3 000705

APPLICATION (CC, No, Date): EP 99307001 990903;

PRIORITY (CC, No, Date): GB 9819316 980904

DESIGNATED STATES: DE; ES; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-012/28; H03K-017/945; F24C-007/08;

G09F-027/00

ABSTRACT EP 986213 A2

A domestic appliance (1) such as a microwave oven is adapted for interaction with a communications network (75) such as the Internet by the addition of a substantially self-contained discrete communications module (12) connectable to the communications network (75), the

communications module (12) including display means (20) and command entry means that optionally interact with the appliance (1).

The appliance (1) is provided with mounting hardware (6) and an adaptor (7) including means for attachment to the mounting hardware (6) and means (10, 13-16) for mounting the communications module (12) to the appliance (1) via the adaptor (7). The communications module (12) is adapted for connection to broadband cable or xDSL networks.

Thus equipped, the appliance (1) becomes an element of a communications system (1, 72, 73) providing multiple functionality including television and Internet browsing functions within the home. Other elements of the communications system are a broadband online connection (72) and a broadband portal (73).

ABSTRACT WORD COUNT: 157

NOTE:

Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000628 A2 International Patent Classification changed: 20000509

Application: 20000315 A2 Published application without search report

Change: 000927 A2 Inventor information changed: 20000809

Search Report: 000705 A3 Separate publication of the search report

Examination: 010307 A2 Date of request for examination: 20010105

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200011	530
SPEC A	(English)	200011	12287
Total word count - document A			12817
Total word count - document B			0
Total word count - documents A + B			12817

...INTERNATIONAL PATENT CLASS: G09F-027/00

...SPECIFICATION can be structured in various ways, and has the benefit of a more predictable income **stream** than **banner** advertising. For example, while users watch TV, a frame of advertisements around the TV display...

30/5,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00886298

AN INTERACTIVE DISPLAY UNIT FOR THE DISTRIBUTION OF PRODUCTS, IN PARTICULAR A REFRIGERATED DISPLAY UNIT FOR FOOD PRODUCTS SUCH AS ICE CREAM AND THE LIKE

INTERAKTIVE ANZEIGEEINHEIT ZUR VERTEILUNG VON PRODUKTEN, INSBESONDERE GEKÜHLTE ANZEIGEEINHEIT FÜR NAHRUNGSMITTEL WIE SPEISEIS ODER DERGLEICHEN

UNITE PRESENTOIR INTERACTIVE POUR LA DISTRIBUTION DE PRODUITS, NOTAMMENT UNITE PRESENTOIR REFRIGEREE POUR PRODUITS ALIMENTAIRES TELS QUE DES GLACES ET AUTRES

PATENT ASSIGNEE:

SOCIETE DES PRODUITS NESTLE S.A., (229220), Case postale 353, 1800 Vevey, (CH), (Proprietor designated states: all)

INVENTOR:

BOSI, Stefano, Via Bertucci, 24, I-43016 San Pancrazio Parmense, (IT)

LEGAL REPRESENTATIVE:

Steinfl, Alessandro et al (87091), Societa Italiana Brevetti Piazza di Pietra 39, 00186 Roma, (IT)

PATENT (CC, No, Kind, Date): EP 885439 A1 981223 (Basic)

EP 885439 B1 990929

WO 9733269 970912

APPLICATION (CC, No, Date): EP 97905152 970304; WO 97EP1074 970304

PRIORITY (CC, No, Date): IT 96TO46 960308

DESIGNATED STATES: CH; DE; ES; FR; GB; LI

INTERNATIONAL PATENT CLASS: G09F-027/00 ; G09F-023/00  
CITED PATENTS (EP B): WO 89/07807 A; GB 2289971 A; US 4274267 A; US 4359631  
A; US 4454670 A

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 000913 B1 No opposition filed: 20000630  
Application: 971203 A1 International application (Art. 158(1))  
Application: 981223 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 981223 A1 Date of filing of request for examination:  
980814  
Examination: 990331 A1 Date of despatch of first examination report:  
990216

Grant: 990929 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9939	814
CLAIMS B	(German)	9939	778
CLAIMS B	(French)	9939	838
SPEC B	(English)	9939	2101
Total word count - document A			0
Total word count - document B			4531
Total word count - documents A + B			4531

INTERNATIONAL PATENT CLASS: G09F-027/00 ...

...SPECIFICATION terminal of the type used, for example, for personal computers, for showing static and/or **dynamic images** . In this event, the electronic control unit 50 may be set up so as to...

30/5,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2001 European Patent Office. All rts. reserv.

00806014

Information and advertising distribution system and method  
System und Verfahren zur Verteilung von Information und Werbung  
Appareil et procede pour la distribution d'informations et de publicite  
PATENT ASSIGNEE:

POINTCAST INC., (2149540), 10101 North Deanza Blvd., Cupertino,  
California 95014, (US), (applicant designated states:  
AT;DE;FR;GB;IE;NL)

INVENTOR:

Reilly, James P., 355 Bryant no. 201, San Francisco, California 95014,  
(US)  
Hassett, Gregory P., 21925 Almaden Avenue, Cupertino, California 95014,  
(US)

LEGAL REPRESENTATIVE:

Kindermann, Manfred (6412), Patentanwalt, Sperberweg 29, 71032 Boblingen,  
(DE)

PATENT (CC, No, Kind, Date): EP 749081 A1 961218 (Basic)  
EP 749081 B1 981104

APPLICATION (CC, No, Date): EP 96303727 960524;

PRIORITY (CC, No, Date): US 489591 950612

DESIGNATED STATES: AT; DE; FR; GB; IE; NL

INTERNATIONAL PATENT CLASS: G06F-017/30; G09F-027/00

ABSTRACT EP 749081 A1

In summary, the present invention is an information and advertising distribution system. A data server stores and updates a database of information items and advertisements. The information items and advertisements are each categorized so that each has an associated information category. Workstations remotely located from the data server each include a display device, a communication interlace for receiving at least a subset of the information items and advertisements in the data

server's database and local memory for storing the information items and advertisements received from the data server. An information administrator in each workstation establishes communication with the data server from time to time so as to update the information items and advertisements stored in local memory with at least a subset of the information items and advertisements stored by the data server. An information display controller in each workstation displays on the workstation's display device at least a subset of the information items and advertisements stored in local memory when the workstation meets predefined idleness criteria. At least a subset of the workstations include a profiler for storing subscriber profile data. The subscriber profile data represents subscriber information viewing preferences, indicating information categories for which the subscriber does and does not want to view information items. The information display controller includes a filter for excluding from the information items displayed on the display device those information items inconsistent with the subscriber profile data. (see image in original document)

ABSTRACT WORD COUNT: 269

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 961218 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 970326 A1 Date of filing of request for examination:  
970128  
Change: 970625 A1 Representative (change)  
Examination: 980325 A1 Date of despatch of first examination report:  
980204  
Grant: 981104 B1 Granted patent  
Oppn None: 991027 B1 No opposition filed: 19990805

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9845	1772
CLAIMS B	(German)	9845	1612
CLAIMS B	(French)	9845	1899
SPEC B	(English)	9845	8180
Total word count - document A			0
Total word count - document B			13463
Total word count - documents A + B			13463

...INTERNATIONAL PATENT CLASS: G09F-027/00

...SPECIFICATION information portion of the screen occupies a small part of the screen, such as horizontally **scrolling image** region at the top or bottom of the display and the remainder of the screen...is actually stored.

Next, the information database in the server computer includes a set of **images** 140 used during the display of **news** items and advertisements. For instance, different "wallpaper" or background **images** may be useful when **displaying news** items in various types of information categories. As an example, the **images** 140 include three fixed **images** for indicating that the **stock** market has risen, fallen or stayed largely unchanged. Then, depending on what has happened to...

30/5,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00672020

RETAIL DISPLAY APPARATUS

EINZELHANDELSANZEIGEVORRICHTUNG

APPAREIL DE PRESENTATION POUR DETAILLANT

PATENT ASSIGNEE:

Potter, Billett Genn, (1890950), Lighting & Sound Equipment, 118 Cowley Road, Oxford OX4 1JE, (GB), (applicant designated states:  
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INVENTOR:

Potter, Billett Genn, Lighting & Sound Equipment, 118 Cowley Road, Oxford  
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LEGAL REPRESENTATIVE:

Unwin, Stephen Geoffrey (52792), S.G. Unwin & Co. Brookfurlong Farmhouse,  
Islip, Oxford OX5 2TJ, (GB)

PATENT (CC, No, Kind, Date): EP 704086 A1 960403 (Basic)  
EP 704086 B1 970917  
WO 9429839 941222

APPLICATION (CC, No, Date): EP 94917757 940616; WO 94GB1297 940616

PRIORITY (CC, No, Date): GB 9312438 930616

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; GR; IE; LI

INTERNATIONAL PATENT CLASS: G09F-027/00

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 20000202 B1 Date of lapse of European Patent in a  
contracting state (Country, date): AT  
19970917, BE 19970917, CH 19970917, LI  
19970917, FR 19980213, GR 19970917,  
Application: 950322 A International application (Art. 158(1))  
Application: 960403 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 960403 A1 Date of filing of request for examination:  
960112  
Examination: 960807 A1 Date of despatch of first examination report:  
960621  
Grant: 970917 B1 Granted patent  
Lapse: 980408 B1 Date of lapse of the European patent in a  
Contracting State: AT 970917  
Lapse: 980520 B1 Date of lapse of the European patent in a  
Contracting State: AT 970917, BE 970917  
Lapse: 980826 B1 Date of lapse of the European patent in a  
Contracting State: AT 970917, BE 970917, FR  
980213  
Oppn None: 980909 B1 No opposition filed  
Lapse: 981021 B1 Date of lapse of the European patent in a  
Contracting State: AT 970917, BE 970917, CH  
970917, LI 970917, FR 980213  
Lapse: 981021 B1 Date of lapse of the European patent in a  
Contracting State: AT 970917, BE 970917, CH  
970917, LI 970917, FR 980213

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9709W2	540
CLAIMS B	(German)	9709W2	551
CLAIMS B	(French)	9709W2	607
SPEC B	(English)	9709W2	2303
Total word count - document A			0
Total word count - document B			4001
Total word count - documents A + B			4001

INTERNATIONAL PATENT CLASS: G09F-027/00

SPECIFICATION TECHNICAL FIELD

This invention relates to retail **display** apparatus for  
**simultaneously displaying** a pre-recorded visual **image** and an  
associated **text** for advertising products and/or services in, for  
example, a "shop-window".

BACKGROUND ART

The...be appreciated that the central control means 14 can, when  
required, control individually both the **image displayed** and the  
**accompanying text** so that the two can be controlled independently, eg  
if different text is to be...

DIALOG(R)File 348:EUROPEAN PATENTS  
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00555581

**IMAGE DISPLAY AND CONTROL APPARATUS**

**BILDSTEUER- UND ANZEIGESYSTEM**

**APPAREIL DE VISUALISATION D'IMAGES ET DE COMMANDE**

**PATENT ASSIGNEE:**

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ABRAM, David, 2/15 Wheatland Road, Malvern, VIC 3144, (AU)  
VALK, Marinus, 289 Windermere Drive, Ferntree Gully, VIC 3156, (AU)

**LEGAL REPRESENTATIVE:**

Moon, Donald Keith (34031), BREWER & SON Quality House Quality Court  
Chancery Lane, London WC2A 1HT, (GB)

PATENT (CC, No, Kind, Date): EP 566628 A1 931027 (Basic)  
EP 566628 A1 951018  
EP 566628 B1 980708  
WO 9212508 920723

APPLICATION (CC, No, Date): EP 92902801 920107; WO 92AU6 920107

PRIORITY (CC, No, Date): AU 914124 910107; AU 914654 910218; AU 916127  
910513; AU 916892 910625

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: G09F-011/18; G09F-011/24; G09F-011/29;

**G09F-027/00**

CITED PATENTS (WO A): US 4925779 A; US 4925779 A; DE 2456175 A; DE 2456175  
A; US 2277969 A; WO 8501125 A; DE 2838551 A; DE 487283 A; GB 2232520 A;  
GB 1226343 A; US 4853678 A; US 3925917 A; WO 8911400 A

**NOTE:**

No A-document published by EPO

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Application: 931027 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 931027 A1 Date of filing of request for examination:  
930803  
\*Priority: 940105 A1 Priority date, country, application number  
(change)  
Search Report: 951018 A1 Drawing up of a supplementary European search  
report: 950828  
Examination: 970108 A1 Date of despatch of first examination report:  
961121  
Change: 980318 A1 Representative (change)  
\*Assignee: 980318 A1 Applicant (transfer of rights) (change): Ad-Box  
Holdings Pty. Ltd. (2439780) 1st Floor, 305  
High Street Prahran, Victoria (AU) (applicant  
designated states: DE;ES;FR;GB;IT)  
\*Assignee: 980318 A1 Previous applicant in case of transfer of  
rights (change): DISPLAY ENTERPRISES PTY. LTD.  
(1532530) 18 Ellis Street South Yarra, VIC 3141  
(AU) (applicant designated states:  
DE;ES;FR;GB;IT)

Grant: 980708 B1 Granted patent

Oppn None: 990630 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9828	1022
CLAIMS B	(German)	9828	884
CLAIMS B	(French)	9828	1126
SPEC B	(English)	9828	12181

Total word count - document A 0

Total word count - document B 15213

Total word count - documents A + B 15213

...INTERNATIONAL PATENT CLASS: **G09F-027/00**

...SPECIFICATION block diagram of a preferred display apparatus according



to the present invention;

Figure 2 shows **scrolling** apparatus of the **image** display means of a first embodiment;

Figure 3 shows control means of the first embodiment...

...for the control means of the scrolling apparatus of the first embodiment;

Figure 9 shows **scrolling** apparatus of the **image** display means of a second embodiment;

Figure 10 shows a cross-sectional view of the...sensor 48 whilst applying the relative high voltage the upper drive motor 12. Similarly the **image** display medium may be **scrolled** in the downward direction using the scroll down function by applying logical 1 to output...

...100 is also provided with a motor motion sensor input 82. During motion of the **image** display medium 24 within the **scrolling** apparatus 10, only one of the upper and lower drive motors is energised at any particular...

...by the sound reproduction means. One control signal is required to initiate movement of the **scrolling** apparatus to display the next **image** 23 in the sequence, and another control signal is required to instruct the control system...

...display medium 24 is progressively wound upon the upper spool 16. Steps 108 and 109 **scroll** the **image** display medium ...amplifier 34 and the DTMF audio decoder 36. When the move pulse is received the **scrolling** apparatus **scrolls** the **image** display medium 24 in the required direction to display the desired image 23 in the...

...display medium is not at its end, and if it is not then the desired **image** in the sequence is **scrolled** to alignment as indicated by the stop tab (step 109). When the end of the...

...the scrolling apparatus of the first embodiment in several respects. To aid in guiding the **image** display medium 24 the **scrolling** apparatus 10 is provided with one or more tractor feed devices 164 along each edge...

...corresponding series of guide holes 166 along each of its edges. In use, as the **image** display medium 24 is **scrolled** from one of spools 16, 18 to the other, the edge of the image display...

...such as this, with one or more tractor feed devices along each edge of the **image** display medium 24 in the **scrolling** apparatus 10 allows good tensioning of the image 23 as it passes between spools 16...171 a group of images 169. When the first image 167 of a group of **images** 169 is displayed by the **scrolling** apparatus (for example, the **image** 170 is adjacent the diffuser 146 (Figure 10)) the start tab 170 is immediately adjacent...medium 24.

An auxiliary control panel 184 contains three push buttons for use in loading **images** 23 onto the **scrolling** apparatus 10. A forward push button 210, when pressed, causes the motor control 404 to...

30/5,K/7 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00824198 \*\*Image available\*\*

METHOD AND SYSTEM FOR PRESENTING INFORMATION THROUGH AN INTERACTIVE VIEWING UNIT

PROCEDE ET SYSTEME DESTINES A PRESENTER UNE INFORMATION VIA UNE UNITE DE VISUALISATION INTERACTIVE

Patent Applicant/Inventor:

VILLENEUVE Sylvain, 147 Sarah Garth, Blainville, Quebec J7C 4T7, CA, CA (Residence), CA (Nationality), (Designated only for: US)

Legal Representative:

DEETH WILLIAMS WALL LLP (agent), National Bank Building, Suite 400, 150

York Street, Toronto, Ontario M5H 3S5, CA,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200157741 A1 20010809 (WO 0157741)  
Application: WO 2001CA113 20010201 (PCT/WO CA0100113)  
Priority Application: CA 2297619 20000202; US 2000496906 20000202  
Parent Application/Grant:  
Related by Continuation to: US 2000496906 20000202 (CIP)  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G06F-017/60  
International Patent Class: G09F-023/06; **G09F-027/00**  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 5129

#### English Abstract

In order to provide consumers (1) with both factual product information and promotional messages related to products, a system and method is provided such that two types of information (4, 5) are displayed through an interactive consumer viewing unit (6, 7), which is directly accessible to consumers at the point of product selection in a retail store. Consumers can access information about a specific product through the use of a scanner, while also being presented with other advertising or public service content. The information can be delivered in the consumer's choice of language.

#### French Abstract

Selon l'invention, de facon a fournir aux consommateurs (1) a la fois une information factuelle sur un produit et des messages promotionnels en rapport aux produits, un systeme et un procede permettent que les deux types d'information (4, 5) soient affiches via une unite de visualisation (6, 7) permettant une interactivite avec le consommateur, directement accessible par les consommateurs au point de choix de produits dans un magasin de detail. Les consommateurs peuvent acceder a l'information concernant un produit specifique au moyen d'un scanner, bien qu'elle soit presentee avec d'autres annonces ou avec un contenu de service public. L'information peut etre fournie au consommateur dans le langage de son choix.

#### Legal Status (Type, Date, Text)

Publication 20010809 A1 With international search report.  
Examination 20011115 Request for preliminary examination prior to end of  
19th month from priority date

...International Patent Class: **G09F-027/00**

Fulltext Availability:  
Detailed Description

#### Detailed Description

... the dynamic database comprises advertising content, such as a slogan, an image or a corporate logo. In another embodiment, the **dynamic** database comprises public service content. The information in both databases is pre-determined information.

1...

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00766129      \*\*Image available\*\*

**METHOD AND SYSTEM FOR DISPLAYING A PRESENTATION**  
**PROCEDE ET SYSTEME D'AFFICHAGE DE PRESENTATION**

Patent Applicant/Inventor:

MARQUIS Jonathan James, Bramleys, Popham, Near Winchester, Hampshire SO21  
3BH, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

NEEDLE Jacqueline, W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's  
Inn, London WC2A 3SZ, GB

Patent and Priority Information (Country, Number, Date):

Patent: WO 200079508 A1 20001228 (WO 0079508)

Application: WO 2000GB2373 20000619 (PCT/WO GB0002373)

Priority Application: GB 9914235 19990618

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G09F-027/00**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5712

**English Abstract**

Presentations are displayed to the travelling public, for example, to the occupants of the passenger cabin (2) of a taxi cab. Two screens (10) are located in the cabin to be visible to the occupants. A person travelling in the taxi is shown, by way of the screens, short programmes, information, advertising material and live news. The screens (10) are activated, and a presentation commenced, only when the presence of a passenger within the cabin (2) is detected by two different sensors. Thus, a door sensor is arranged to enable an infrared sensor for a period after the passenger door is closed. If during that period, the infrared sensor detects movement within the cabin, it is identified as the presence of a passenger. A control unit (12) is arranged thereby to power the displays (10) and to start the presentation.

**French Abstract**

La presente invention concerne des presentations presentees a un public en deplacement, par exemple aux occupants de la cabine passager (2) d'un taxi. Deux ecrans (10) sont places dans la cabine afin d'etre vus par les passagers. Au moyen des ecrans, on montre a une personne voyageant dans le taxi des programmes courts, de l'information, de la publicite ainsi que des actualites en direct. Les ecrans (10) sont actives, et une presentation commencee, seulement lorsque la presence d'un passager dans la cabine (2) est detectee par deux capteurs differents. Ainsi, un capteur de portiere declenche un capteur infrarouge un moment apres fermeture de la portiere. Si durant ce moment le capteur infrarouge detecte un mouvement dans la cabine, il est assimile a une presence de passager. Une unite de commande (12) permet d'enclencher les affichages (10) et de debuter la presentation.

Legal Status (Type, Date, Text)

Publication 20001228 A1 With international search report.

Examination 20010315 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: **G09F-027/00**

Fulltext Availability:

Detailed Description

# Detailed Description

... is  
displayed on the screens 10 in addition to a visual presentation. For example, a **scrolling banner** may be provided across the top or the bottom of each screen 10.

The live...

30/5,K/9 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00392526

AN INTERACTIVE DISPLAY UNIT FOR THE DISTRIBUTION OF PRODUCTS, IN PARTICULAR  
A REFRIGERATED DISPLAY UNIT FOR FOOD PRODUCTS SUCH AS ICE CREAM AND THE  
LIKE

UNITE PRESENTOIR INTERACTIVE POUR LA DISTRIBUTION DE PRODUITS, NOTAMMENT  
UNITE PRESENTOIR REFRIGEREES POUR PRODUITS ALIMENTAIRES TELS QUE DES  
GLACES ET AUTRES

Patent Applicant/Assignee:

NESTLE' ITALIANA S P A,  
BOSI Stefano,

Inventor(s):

BOSI Stefano,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9733269 A1 19970912

Application: WO 97EP1074 19970304 (PCT/WO EP9701074)

Priority Application: IT 96TO46 U 19960308 (IT U)

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
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Main International Patent Class: G09F-027/00

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Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 3204

## English Abstract

The invention relates to a display unit (1) for the distribution of products, in particular a refrigerated display unit (1) for food products such as ice cream and the like, which includes a cabinet (2) in the form of a chest defining an environment (3) for containing the products and having a top opening (4) for access. The display unit includes an electric or electronic display panel (7) arranged near the opening (4) in the cabinet (2) and operable to generate a plurality of predetermined visual presentations, and control means (9; 12) which the user can manipulate to cause a predetermined visual presentation to be generated on the display panel (7).

## French Abstract

L'invention se rapporte a une unite presentoir (1) pour la distribution de produits, notamment une unite presentoir refrigerree (1) pour produits alimentaires tels que des glaces et autres, et qui comprend une enceinte (2) ayant la forme d'un coffre formant un cadre (3) dans lequel sont places les produits et comportant une ouverture d'accès superieure (4). Cette unite presentoir comprend un panneau d'affichage electrique ou electronique (7) place pres de l'ouverture (4) de l'enceinte (2) et qui est concu pour generer une pluralite de presentations visuelles predeterminees, et un dispositif de commande (9; 12) que l'utilisateur peut manipuler pour obtenir une presentation visuelle predeterminee generee sur le panneau d'affichage (7).

Main International Patent Class: G09F-027/00

Fulltext Availability:  
Detailed Description

Detailed Description

... terminal of the type used, for example, for personal computers, for showing static and/or **dynamic images** . In this event, the electronic control unit 50 may be set up so as to...

30/5,K/10 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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**RETAIL DISPLAY APPARATUS**

**APPAREIL DE PRESENTATION POUR DETAILLANT**

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Main International Patent Class: **G09F-027/00**

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Detailed Description

Claims

Fulltext Word Count: 3265

English Abstract

The apparatus comprises display means comprising a projector (11) and a back projection screen (13) for displaying pre-recorded visual **images** and associated **text** and a central processor (14) for controlling the **display** means **together** with a manually operable remote control (15) to enable a user to interactively control the **images** and **text** displayed. The apparatus may be used within a shop window to provide an image, typically 1.5 - 2.5 m wide x 1.5 - 2.0 m high, visible to potential customers outside the shop both during daylight and at night.

French Abstract

L'appareil comprend un moyen de presentation incluant un projecteur (11) et un ecran de retroprojection (13) destines a la presentation d'images visuelles preenregistrees et du texte associe. Une unite centrale (14) assure le controle du dispositif, tandis qu'un moyen de commande a distance manuel (15) permet a l'utilisateur de commander la presentation des images et du texte de facon interactive. L'appareil peut etre utilise dans la vitrine d'une boutique pour presenter une image, en general de 1,5 a 2,5 m de largeur par 1,5 a 2,0 m de hauteur, que les clients potentiels peuvent observer de l'exterieur de la boutique aussi bien le jour que la nuit.

Main International Patent Class: **G09F-027/00**

Fulltext Availability:

Detailed Description

Claims

English Abstract

...comprising a projector (11) and a back projection screen (13) for displaying pre-recorded visual **images** and associated **text** and a central processor (14) for controlling the **display** means **together** with a manually operable remote control (15) to enable a user to interactively control the **images** and **text** displayed. The apparatus may be used within a shop window to provide an image, typically...

Detailed Description

RETAIL DISPLAY APPARATUS

TECHNICAL FIELD

This invention relates to retail **display** apparatus for **simultaneously displaying** a pre-recorded visual **image** and an associated **text** for advertising products and/or services in, for example, a "shop-window".

BACKGROUND ART

The...be appreciated that the central control means 14 can,, when required, control individually both the **image displayed** and the **accompanying text** so that the two can be controlled independently, eg if different text is to be...

Claim

... preceding claims located

within a shop window so as to provide a display of visual **images** and associated **text** to people outside the shop.

AMENDED SHEET (ARTICLE 19)

STATEMENT UNDER ARTICLE 19

The claimed invention relates to retail display apparatus having a novel **combination** of features including: **display** means in the form of a projector and a back projection screen (which is capable...

...and brighter images than a CRT); the display means being arranged to display both visual **images** and associated **text** ; programmable central control means; and manually operable remote control means to provide for interactive operation...

?